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Olympic Wire & Cable Corp., "Seller", warrants its products against defects in workmanship and materials for a period of one year from date of purchase. This warranty shall be ineffective and shall not apply to products that have been subjected to misuse or abuse, neglect, accident, damage or improper application, installation or maintenance. Buyer will inspect the products upon delivery and will notify an authorized OW&C representative within (7) days in writing of any order errors, defects or shortage in the products from the date products are received by buyer, otherwise such claims shall be waived. In the event of a defect or other failure not caused by misuse or damage to the product, Olympic will, at its option, repair or replace the product or refund the purchase price.

Olympic's sole obligation under these warranties will be limited to either, at Olympic's option and expense, repairing or furnishing a replacement F.O.B. first point of shipment for the products or parts thereof which seller reasonably determines do not conform with these warranties, and buyer's exclusive remedy for breach of any such warranties will be enforcement of such obligation of OW&C. Only an officer of OW&C has the authority to bind OW&C to representation, affirmation or warranty concerning the products and any such representation, affirmation, or warranty shall not be deemed to have become part of the basis of this sales contract and shall be unenforceable. Seller will perform the services in accordance with seller's customary procedures.

The foregoing warranties are exclusive and in lieu of all other warranties of merchantability, fitness for a purpose and of any other type, whether expressed or implied. In addition, Olympic Wire & Cable's warranties herein shall not be enlarged by, and no obligation or liability shall arise out of seller's rendering of any technical advice or service in connection with the products or otherwise, unless agreed to in writing. In no event shall seller be liable for special, incidental, indirect, punitive, or consequential damages, nor shall seller's liability on any claims for damages arising out of or connected with the sales contract or the manufacture, sale, delivery or use of the products exceed the purchase price of the products and/or services. Seller shall not be liable for any failure to perform its obligations under the sales contract resulting directly or indirectly from or contributed to by circumstances beyond seller's reasonable control.



CABLE SELECTOR GUIDE

MULTI-CONDUCTOR UNSHELDED CABLE

CONDUCTOR SIZE

NO. OF COND.	24 AWG P/N	PG. NO.	22 AWG P/N	PG. NO.	20 AWG P/N	PG. NO.	19 AWG P/N	PG. NO.	18 AWG P/N	PG. NO.	16 AWG P/N	PG. NO.	14 AWG P/N	PG. NO.	12 AWG P/N	PG. NO.
2	81012	CF	2002	31	2367	22	2368	22	2202TF	42	2302TF	42	2342	45	2362	45
			2002L	28	2781	31	2369	22	2202	32	2302	33	2342L	28	2362L	28
			2002T	29	2781T	29	2798	CF	2202L	28	2302L	28	2342T	29	2362T	29
			3130	72	3520	32			2202T	29	2302T	29	3118L	25	3135	72
			2365	22	3131	72			8200	76	2372	22	3134	72		
			2366	22	42002	36			2801	45	2373	22	3784-760A	27		
			2380	24	42002CF	34			3106L	25	3112L	25	8400	76		
			2601	44					3132	72	3133	72	41402	38		
									3752-725	29	3758-725	29	41402CF	35		
									3752-760	27	3758-760	27				
									41802	37	8300	76				
									41802CF	34	41602	37				
										41602CF	34					
3	81013	CF	2003	31	2103	31	2374	22	2203	32	2303	33	2343	33	2363	33
			2003L	28	3151	73	3026	CF	2203L	28	2375	22	3154	73	8502	76
			2003T	29	3521	32			2203T	29	3153	73	8402	76	41203	38
			3150	73	42003	36			3152	73	8302	76	41403	38	41203CF	35
					42003CF	34			8202	76	41603	37	41403CF	35		
									41803	37	41603CF	34				
									41803CF	34	9834	70				
4	81014	CF	2004	31	2104	31			2204	32	2304TF	42	2344	33	8503	76
			2004L	28	2104T	29			2204L	28	2304	33	2344T	29	41204	38
			2004T	29	3522	32			2204T	29	2304L	28	3119L	25	41204CF	35
			81004	CF	42004	36			3109L	25	2304T	29	3119T	27		
					42004CF	34			3754-725	29	3115L	25	8403	76		
									3754-760	27	3757-760	27	41404	38		
									8203	76	8303	76	41404CF	35		
									41804	37	41604	37				
									41804CF	34	41604CF	34				
5			2005	31	2105	31			2205	32	2305	33	2345	33	8504	76
			2005L	28	3523	32			2205L	28	8304	76	8404	46	41205	38
					42005	36			8204	76	41605	37	41405	38	41205CF	35
					42005CF	34			41805	37			41405CF	35		
6	81016	CF	2006	31	2106	31			2206	32					8505	76
			2006L	28	3524	32			2206L	28						
			2006T	29					2206T	29						
			81006	CF					3756-725	29						
									3756-760	28						
7			2007	31	2107	31			2207	32	2307	33	2347	33	8506	76
			2007L	28	42007	36			2207L	28	8306	76	8406	76	41207	38
					42007CF	34			8206	76	41607	37	41407	38	41207CF	35
									41807	37	41607CF	34	41407CF	35		
8	81018	CF	2008	31	2108	31			2208	32	8307	76	41408	38	8507	76
			2008L	28	3526	32			2208L	28	41608	37				
			2008T	29	42008	36			2208T	29						
			81008	CF					3759-725	29						
9			2009	31	2109	31			2209	32	2309	33	2349	33	8508	76
			2009L	28	42009	36			2209L	28	8308	76	8408	76		
									41809	37	41609	37	41409	38		
10			2010	31	3527	32			2210	32	8309	76	8409	76	8509	76
			2010L	28	42010	36			2210L	28	41610	37	41410	38		
			2010T	29					2210T	29						
12			2012	31	2112	31			2212	32	2312	33	2352	33	8510	76
			2012L	28	3528	32			2212L	28	8310	76	8410	76		
			2012T	29	42012	36			2212T	29	41612	37	41412	38		
					42012CF	34			8210	76	41612CF	34	41412CF	35		
15			2015	31	2115	31			41812	37						
					3529	32			41812CF	34						
19									2219	32	2319	33	8421	76	8521	76
20			2020	31	3530	32			8221	76	8321	76				
25			2025	31	42025	36			8340	76			8440	76	8540	76
					42025CF	34							8445	76	8545	76
30			2030	31	42030	36			2225	32	2325	33	8445	76		
									8245	76	8345	76	41425	38		
37									41825	37	41625	37	41425CF	35		
40			2040	31	42040	36			41825CF	34	41625CF	34				
50			2050	31	42050CF	34			41850	37	41650	38				
60			2060	31	42061	36			41850CF	34	41650CF	34				
					42061CF	34			41861	37	41661CF	34				

RoHS Compliant



CABLE SELECTOR GUIDE

MULTI-PAIR UNSHIELDED CABLE

CONDUCTOR SIZE

NO. OF PAIRS	24 AWG P/N	PG. NO.	22 AWG P/N	PG. NO.	20 AWG P/N	PG. NO.	18 AWG P/N	PG. NO.	16 AWG P/N	PG. NO.	14 AWG P/N	PG. NO.	12 AWG P/N	PG. NO.
1			2002	31	2367	22	2202	45	2302	45	2342	33	2362	33
			2002L	28	2781	31	2202L	28	2302L	28	2342L	28	2362L	28
			2002T	29	2781T	29	2202T	29	2302T	29	2342T	29	2362T	29
			2365	22	3131	72	2370	22	2372	22	3118L	25	3122L	25
			2366	22			2801	45	2373	22	3134	72	3122T	27
			2380	24			3106L	25	3112L	25	3784-760A	27		
			2601	44			3132	72	3133	72				
			3130	72			3752-725	29	3758-760	27				
							3752-760	27						
2	3077	89	2602	44			2802	45						
			2702	44										
3	3079	89	2603	44	2783	45	2803	45						
4	3078	89	2604	44			2804	45						
	3604 M5U	91	2704	44										
6	3080	89	2606	44	2786	45	2806	45						
			2706	44										
			6973	89										
9			2609	44	2789	45	2809	45						
			2709	44										
11			2611	44										
12	3081	89	2712	44			2812	45						
			6974	89										
13			2613	44										
15			2615	44	2795	45	2815	45						
			2715	44										
19			2619	44			2819	45						
			2719	44										
23			2623	44										
			2723	44										
25	3056	CF	6976	89										
	3083	89												
	3625 M5E	91												
27			2627	44										
			2727	44										
50	3085	89	2627	44										
			2727	44										
			6977	89										
75	3086	89												
100	3087	89	6978	89										



CABLE SELECTOR GUIDE

MULTI-CONDUCTOR SHIELDED CABLE

CONDUCTOR SIZE

NO. OF COND.	TYPE OF SHIELD	30 AWG P/N	PG. NO.	28 AWG P/N	PG. NO.	26 AWG P/N	PG. NO.	24 AWG P/N	PG. NO.	22 AWG P/N	PG. NO.	20 AWG P/N	PG. NO.	18 AWG P/N	PG. NO.	16 AWG P/N	PG. NO.	14 AWG P/N	PG. NO.	12 AWG P/N	PG. NO.		
1	Braid	3400	66	3404	66	2920	65	2924	65	2913	62	2916	62	2936	65	2940	65						
	Spiral					6805	61			2897	61	2901	61	2906	61								
2	Braid	3401	66	3405 6912	66 63	2921	65	2925	65	2914	62	2917	62	2937	65	2941	65	3066 3560	62 64	3570	64		
	Spiral									2929 3417	65 67	2933 3005	65 61	3061 3425	62 67	3064 3429	62 67						
	Foil							2822 2944	46 49	2874 2875 2877 2877L 2877T 2970 3140 2877TF	46 46 46 28 30 46 72 42	2881 2881L 2881T 2883 2885 3022 3141	47 28 30 30 47 72 72 42	2886 2886L 2886T 3108L 3142 3762-760 8200S 2886TF	47 28 30 30 25 72 27 77	2891 2891L 2891T 3120L 3144 3760-760 8400S 8300S	47 28 30 25 72 27 77	2893 2893T 3124L 3124T 3145 8500S	47 30 25 27 72 77				
	Foil & Braid					6841 6841T	57 57			43602	43	43652 61147A	43 CF	43702 81172A	43 CF			43802	CF				
3	Braid	3402	66	3406 6913	66 63	2922 3410	65 66	2926 3414	65 66	2911 2912 2930 2958 3418	64 62 65 64 67	2918 2934 3006 3422 3501	62 65 62 67 65	2938 3062 3426 3541 591803	65 62 67 64 39	2942 3065 3430 3550 591603	65 62 67 64 40	3561	64	3571	64		
	Spiral									2898	61	2903	61	2908	61								
	Foil							2823	48	2879 2880 2880L 2880T 3160	46 46 28 30 73	2884 2884L 2884T 3023 3161	47 28 30 60 73	2888TF 2888 2888L 2888T 3162	42 47 28 30 73	2892 2892L 3163 8302S	47 28 73 77	3164 8402S	73 77	8502S	77		
4	Braid	3403	66	3407 6914	66 63	2923 3411	65 66	2927 3415	65 66	2915 2931 3419	62 65 67	2919 2935 3007 3423 3502 592004	62 65 62 67 65 39	2939 3063 3427 3542 591804	65 62 67 64 39	2943 3431 3551 591604	65 67 64 40	3562	64				
	Spiral									2899	61	2904	61	2909	61								
	Foil							2824	48	2882 2882L 2882T	46 28 30	2887 2887L 2887T	47 28 30	2890TF 2890 2890L 2890T 3110L 3774-760 8203S	42 47 28 30 25 27 77	2892/4 2892/4T 3116L 3783-760 8303S	47 30 25 27 77	3119ST 8403S	27 77	8503S	77		
5	Braid									3008 3503	62 65	591807	39	591605	40								
	Foil					2825	48	2005SHD	48							8304S	77	8404S	77	8504S	77		
6	Braid		6916	63								3009 3504 6326	62 65 63	3543	64	3552	64						
	Spiral									2905	61												
	Foil							2826	48	2006SHD	48					2890/6 2890/6T 8205S	47 30 77	8305S	77				
7	Braid											3505 592007	65 39	591807	39	591607	40						
	Foil							2827	48	2007SHD	48										8506S	77	
8	Braid		6918	63								3010 3506	62 65	3544	64	3553	64						
	Foil							2828	48	2008SHD	48					2890/8 2890/8T	47 30						

RoHS Compliant



CABLE SELECTOR GUIDE

MULTI-CONDUCTOR SHIELDED CABLE (cont'd)

CONDUCTOR SIZE												
NO. OF COND.	TYPE OF SHIELD	30 AWG PG. P/N NO.	28 AWG PG. P/N NO.	26 AWG PG. P/N NO.	24 AWG PG. P/N NO.	22 AWG PG. P/N NO.	20 AWG PG. P/N NO.	18 AWG PG. P/N NO.	16 AWG PG. P/N NO.	14 AWG PG. P/N NO.	12 AWG PG. P/N NO.	
5	Braid							591804	39	591609	40	
	Foil				2829	48				8308S	77	8508S 77
10	Braid		6920	63			3011 3507	62 65	3545	64		
	Foil				2830	48	2010SHD	48	3024 81470	60 CF	2890/10 2890/10T	47 30
12	Braid		6922	63			3012 3508 6327 592012	62 65 63 39	3546 591812	64 39	591612	40
	Foil					2012SHD	48		8210S	77	8310S	77
15	Braid		6925	63			3013 3509	62 65	3547	64		
	Foil				2835	48	2015SHD	48	3025 81470/15	60 CF		8513S 77
19	Braid											
	Foil									8321S	77	8521S 77
20	Braid		6930	63			3014 3510	62 65	3548	64		
	Foil				2840	48	2020SHD	48	81470/20	CF		
25	Braid						592025	39	591825	39	591625	40
	Foil				2845	48	2025SHD	48	81470/25	CF		
30	Braid											
	Foil				2850	48						
40	Braid											
	Foil				2860	48						
50	Braid											
	Foil				2870	48						



CABLE SELECTOR GUIDE

MULTIPAIR SHIELDED CABLE

CONDUCTOR SIZE

NO. OF PAIRS	TYPE OF SHIELD	24 AWG P/N	PG. NO.	22 AWG P/N	PG. NO.	20 AWG P/N	PG. NO.	18 AWG P/N	PG. NO.	16 AWG P/N	PG. NO.	14 AWG P/N	PG. NO.	12 AWG P/N	PG. NO.		
1	Foil	2822 2944	46 49	2874 2875 2877 2877L 2877T 3140	46 46 46 28 30 72	2881 2881T 2883 3022 3141 9833	47 30 47 60 72 71	2886 2886L 2886T 3108L 3142 9832	47 28 30 25 72 71	2891 2891L 2891T 3114L 3143 9830	47 28 30 25 72 71	2893 2893L 2893T 3120L 3144	47 28 30 25 68	2894 2894T 3124L 3145	47 51 25 72		
	Braid	2925 3413	65 66	2914 2929 3417	62 65 67	3005 2933 3421	62 65 67	2937 3061 3425 3540	65 62 67 64	2941 3064 3429 3549	65 62 67 64	3066 3560	62 64	3570	64		
	Foil & Braid					43602	43	43652	43	43702	43	43752	CF	43802	CF		
2	Foil	2945 2998 2998T 6172 9500 9600	49 57 51 49 50 49	2960 2976 2976T 3030 3170 3170T 3187	57 58 51 58 74 51 75	2989 9875	59 70	3180 3180T 3197 9862 9848 9884	74 51 75 68 69 70	9869 9855 9902	68 69 70						
3	Foil	2946 6400 6400T 9601	49 57 51 49	2971 2980 2980T 3171 3171T 3188	59 59 51 74 51 75	2990 3020	59 60	3000 3181 3181T	59 74 51	9869/3 60548	68 69						
4	Foil	2947 3378M5 3804M5 6409 9602A	49 91 91 57 49	2961 3172 3172T 3189	57 74 51 75	3037 9856 9876	60 71 70	3182 3182T 9864 9849/6 1002	74 51 68 69 70	9870 9839 9902/4	68 69 70						
5	Foil	2948	49														
6	Foil	2949 6401 9503 9604A	49 57 50 49	2962 2972 2981 2981T 3173 3173T 3190	57 59 59 51 74 51 75	2991 3021	59 60	3001 3001T 3183 3200 9864/6	59 CF 74 71 68	9870/6 9840	68 69						
	Corrugated			6973 6990	89 89												
7	Foil	2950 9605	49 49														
8	Foil	2951	49			9857 9877	71 70	9850 9865 1003	69 68 70	9841 9871 9902/8	69 68 70						
9	Foil	2952 6402 9505 9607A	49 57 50 49	2963 2973 2982 3174	57 59 59 74	2992	59	3002 3184 3201	59 74 75								
10	Foil	2953	49														
11	Foil	6403	57	2974 2983 3175 3192	59 59 74 75	2993	59	3185 3202	74 75								
12	Foil	6404 9506	57 50	2984	59	2994 9878 9858	59 70 71	3003 9866 9851	59 68 69	9872 9842 9902/12	68 69 70						
12½	Foil	9609A	49														
15	Foil	2954 6405	49 57	2985 3176 3193	59 74 75	2995	59	3004 3186 3203	59 74 75								
17	Foil	6406	57	2986	59												
19	Foil	2955 6407	49 57	2987 3177	59 74												
25	Foil	2956 3383	49														
27	Foil	6408	57	2966 2988 3178 3195	57 59 74 75												
50	Foil	2957	49			9882	70	9838 9888 9884/50	69 68 70	9847 9890 9902/50	69 68 70						
51	Foil			3179 3196	74 75												
100	Foil																

RoHS Compliant



BUILDING WIRE

THHN or THWN-2 or MTW or C(UL) T90 Nylon or TWN 75 • 14 AWG - 4/0 • 600 Volts 
Gas and Oil Resistant, Sunlight Resistant, VW-1

DESCRIPTION:

CONDUCTORS:
Bare, soft annealed copper

14-10 AWG:

Solid, bunched, unilay concentric or compressed stranded (class C)
8-2 AWG:
concentric, compressed stranded (class C)

1 AWG - 4/0:
concentric, compressed stranded (class B)

INSULATION:

PVC

OVERALL JACKET:
Nylon

RATINGS:

(Cables conform to the following standards)

UL-83 for THHN-THWN

UL-1063 for MTW (stranded conductors only)

Federal Specification J-C-30B

NEMA WC-5

UL-758 for AWM Styles 1316 thru 1321,
1408 thru 1414, 1452 and 1453.

OLYMPIC NO.	SIZE (AWG)	STRANDS NO./O.D.	PVC INSUL. THICKNESS	NYLON JACKET THICKNESS	APPROX. OUTSIDE DIAMETER	AMPACITY		
						THWN [†] 75°C	THHN* 90°C	MTW [‡]
14-1 THHN	14	Solid	.015"	.004"	.104"	15	15	—
12-1 THHN	12	Solid	.015"	.004"	.121"	20	20	—
10-1 THHN	10	Solid	.020"	.004"	.152"	30	30	—
14 STR THHN	14	19/.0147"	.015"	.004"	.112"	15	15	15
12 STR THHN	12	19/.0185"	.015"	.004"	.131"	20	20	20
10 STR THHN	10	19/.0234"	.020"	.004"	.164"	30	30	30
8 THHN	8	19/.0295"	.030"	.005"	.216"	50	55	40
6 THHN	6	19/.0372"	.030"	.005"	.253"	65	75	55
4 THHN	4	19/.0469"	.040"	.006"	.322"	85	95	70
3 THHN	3	19/.0526"	.040"	.006"	.350"	100	110	85
2 THHN	2	19/.0591"	.040"	.006"	.381"	115	130	95
1 THHN	1	19/.0664"	.050"	.007"	.443"	130	150	110
1/0 THHN	1/0	19/.0745"	.050"	.007"	.483"	150	170	125
2/0 THHN	2/0	19/.0837"	.050"	.007"	.528"	175	195	145
3/0 THHN	3/0	19/.0940"	.050"	.007"	.579"	200	225	165
4/0 THHN	4/0	19/.1055"	.050"	.007"	.636"	230	260	195

[†] Allowable ampacity of not more than three conductors in raceway or cable or earth (directly buried), based on ambient temperature of 30°C (86°F), per Table 310-16 of the 1996 National Electrical Code (NFPA 70-1996).

[‡] Allowable ampacity of Type MTW conductors in cable or raceway per Table 13-5(a) of the Electrical Standard for Industrial Machinery, NFPA 79-1994 (ANSI).

Maximum Conductor Temperatures and Voltage Rating:

TYPE	OIL	WET	DRY	VOLTAGE
THHN-THWN	75°C	75°C	90°C	600V
MTW	60°C	60°C	90°C	600V
AWM 1316 to 1321	80°C	—	105°C	600V
AWM 1408 to 1414	60°C	60°C	90°C	600V**
AWM 1452 to 1453*	80°C	—	90°C	1000V
T90 Nylon	60°C	—	90°C	600V
TWN75	—	75°C	—	600V

*14-10 AWG only.

**14-10 AWG only 2,500 volts peak for electronic use only.

TFFN UL 600 Volts, MTW, AWM STYLES • 1316, 1408, 1452, CSA TEWN, AWM Gas and Oil Resistant


DESCRIPTION: Stranded copper, PVC/nylon
CHARACTERISTICS: Temperature Rating — -40°C to +105°C Resistant to acids, alkalis, oil, flame, moisture & fungus

OLYMPIC NO.	SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D.
18 TFFN	18	16/30	.016"/.005"	.088"
16 TFFN	16	26/30	.016"/.005"	.100"



RJ HOOK-UP WIRE

**STYLE 1007/STYLE 1569 105°C
300 VOLTS 80°C VW-1, AWM**

**CSA STYLE TR-64 & MIL-W-76B
1000 VOLTS**

DESCRIPTION: Stranded tinned copper, color coded, medium wall PVC insulation
CHARACTERISTICS: Temperature Rating — -40°C to +105°C Resistant to acids, alkalis, oil, flame, moisture and fungus
*UL 1569

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
348	28	7/36	.016"	.047"
349	26	7/34	.016"	.051"
350	24	7/32	.016"	.057"
351	22	7/30	.016"	.065"
353	20	10/30	.016"	.071"
355	18	16/30	.016"	.080"
357	16	26/30	.016"	.095"
358*	14	41/30	.016"	.110"

APPLIANCE WIRE (AWM) • MACHINE TOOL WIRE (MTW) • FIXTURE WIRE (TFF)

**UL 90°C MTW • 105°C DRY 60°C WET AWM, VW-1 • 600 VOLTS • CSA STYLE TEW
UL 60°C TFF or TW • UL 75°C WET or DRY THW • 105°C 1000 VOLTS AWM**



DESCRIPTION:
Stranded bare copper, PVC insulation

RATINGS:

18 & 16 AWG:
UL 600 volts, 90°C MTW, 60°C TFF,
105°C dry 60°C wet AWM (VW-1),
105°C & 90°C 1000 volts AWM

14, 12 & 10 AWG:
UL 600 volts, 90°C MTW, 60°C TW,
105°C dry 60°C wet AWM (VW-1),
105°C & 90°C 1000 volts AWM

8 AWG:
UL 600 volts, 90°C MTW, 60°C TW,
105°C dry 60°C wet, 105°C & 90°C
1000 volts AWM (VW-1)

6, 4 & 2 AWG:
UL 600 volts, 90°C MTW, 75°C THW,
60°C oil resistant II, 105°C dry 60°C wet,
105°C 1000 volts AWM (VW-1)

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.	UL AWM STYLE
MTW 90°C/TFF 60°C/AWM 105°C/VW-1 • 600 VOLTS					
18MTW	18	16/.0100	.030"	.108"	1015, 1032, 1230, 10269
16MTW	16	26/.0100	.030"	.120"	1015, 1032, 1230, 10269
MTW 90°C/TW 60°C/AWM 105°C/VW-1 • 600 VOLTS					
14MTW	14	19/.0147	.030"	.132"	1015, 1032, 1230, 10269
12MTW	12	19/.0185	.030"	.151"	1015, 1032, 1230, 10269
10MTW	10	19/.0234	.030"	.174"	1015, 1032, 1230, 10269
8MTW	8	19/.0295	.045"	.234"	1015, 1028, 1231, 10269
MTW 90°C/THW 75°C/AWM 105°C/VW-1 • 600 VOLTS					
6MTW	6	19/.0372	.060"	.301"	1015, 1283, 1232, 10269
4MTW	4	19/.0469	.060"	.348"	1015, 1283, 1232, 10269
2MTW	2	19/.0591	.060"	.407"	1015, 1283, 1232, 10269

90°C TFN • 18 & 16 AWG • 600 VOLTS • Gas & Oil Resistant II • CSA TEWN, AWM 105°C



DESCRIPTION:

CONDUCTOR: Solid bare, soft annealed copper

INSULATION: PVC

OVERALL JACKET: Clear nylon

RATINGS: (Cables conform to the following standards)

UL-1316, 105°C dry, 80°C in oil, 600 Volts

UL-1408, 90°C dry, 60°C wet or in oil, 600 Volts

UL-1452, 90°C dry, 80°C in oil, 1000 Volts

UL-1841, 105°C dry, 75°C wet, 80°C in oil, 600 Volts

OLYMPIC NO.	SIZE (AWG)	STRANDS NO./O.D.	PVC INSUL. THICKNESS	NYLON JACKET THICKNESS	APPROX. OUTSIDE DIAMETER	AMPACITY†
18TFN	18	Solid	.016"	.005"	.083"	6
16TFN	16	Solid	.016"	.005"	.094"	8

† Allowable ampacity per Table 402-5 of the 1996 National Electrical Code (NFPA 70-1996)

RoHS Compliant



J HOOK-UP WIRE

STYLE 1015/1230 600 VOLTS (1032 1000 VOLTS 90c)

CSA STYLE TEW AWM MTW VW-1

DESCRIPTION:
Stranded tinned copper, color coded PVC insulation.

CHARACTERISTICS:
Temperature Rating — 40°C to +105°C
Resistant to acids, alkalis, oil, flame, moisture and fungus

* 1028

† UL1283

†† UL1284

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
360	24	7/32	.031"	.088"
361	22	7/30	.031"	.095"
362	20	10/30	.031"	.102"
363	18	16/30	.031"	.112"
364	16	26/30	.031"	.125"
365	14	41/30	.031"	.142"
366	12	65/30	.031"	.158"
367	10	105/30	.031"	.183"
*	368	8	133/29	.045"
†	368/6	6	133/27	.062"
†	368/4	4	133/25	.062"
††	368/2	2	133/23	.060"
††	368/1	1	259/25	.080"
††	368/10	1/0	1045/30	.080"
††	368/20	2/0	1330/30	.080"
††	368/30	3/0	1672/30	.080"
††	368/40	4/0	2109/30	.080"

STYLE 1061 - SEMI-RIGID PVC 300 VOLTS 80°C

STYLE SR-PVC & MIL-W-16878 "B"

DESCRIPTION:
Stranded tinned copper, color coded, semi-rigid PVC insulation

CHARACTERISTICS:
Temperature Rating — -10°C to +80°C, 300 volts in business machine or electronic computers only.

APPLICATIONS:
Internal wiring of computers, electric book-keeping, accounting machines, and other office and control equipment.

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
359	28	7/36	.009"	.035"
373	26	7/34	.009"	.039"
370	24	7/32	.009"	.044"
372	22	7/30	.009"	.050"
374	20	7/28	.009"	.057"
375	18	19/30	.009"	.066"
376	16	19/29	.009"	.078"
371	24	Solid	.009"	.043"
369	26	Solid	.009"	.038"



RU HOOK-UP WIRE

HO5V-K, UL1015, MTW, TEW, CE

UL STYLE:	MTW, 1015
CSA TYPE:	TEW
UL FLAME TEST:	VW-1
CSA FLAME TEST:	FT-1
VOLTAGE:	HAR/IEC: HO5V-K 300/500
VOLTAGE:	UL/CSA: 600
TEMPERATURE:	HAR/IEC: -40°C + 70°C
TEMPERATURE:	UL/CSA: -40°C + 105°C

OLYMPIC PN	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	INSULATION	O.D. INCH
361CE	22	7/30	.030"	PVC	.091
362CE	20	15/32	.030"	PVC	.098
363CE	18	30/32	.030"	PVC	.110

UL STYLE:	MTW, 1015
CSA TYPE:	TEW
UL FLAME TEST:	VW-1
CSA FLAME TEST:	FT-1
VOLTAGE:	HAR/IEC: 450/750
VOLTAGE:	UL/CSA: 600
TEMPERATURE:	HAR/IEC: -40°C + 70°C
TEMPERATURE:	UL/CSA: -40°C + 105°C

OLYMPIC PN	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	INSULATION	O.D. INCH
364CE	16	27/30	.030"	PVC	.122
365CE	14	46/30	.030"	PVC	.146
366CE	12	52/28	.030"	PVC	.168
367CE	10	70/20	.030"	PVC	.188
368CE	8	77/26	.045"	PVC	.269
368/6CE	6	119/26	.060"	PVC	.357
368/4CE	4	196/26	.060"	PVC	.416
368/2CE	2	280/26	.060"	PVC	.466

PHOTOVOLTAIC WIRE: UL Type PV/RHH or RHW-2 or 600V USE-2, 90°C

DESCRIPTION:	
Stranded Tinned Copper, Black Flame-Retardant XLPE Insulation	
CHARACTERISTICS:	
Temperature Rating: -40°C + 90°C	
Sunlight Resistant	
Voltage: 600	

FLAME TEST:
UL 1581 VW-1
For sizes 1/0 and larger: IEEE 383, IEEE 1202/CSA FT4

COMPLIANCE:
EPA 40 CFR, Part 261 for leachable lead content per TCLP
OSHA Acceptable

Other colors available

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. INCH
14PV	14	7	.075"	.22"
12PV	12	7	.075"	.24"
10PV	10	7	.075"	.27"
8PV	8	7	.085"	.30"

APPLICATIONS:

Single conductor, sunlight resistant, photovoltaic wire rated 90°C wet or dry, 600V for interconnection wiring of grounded and ungrounded photovoltaic power systems as described in Section 690.31(A) and other applicable parts of the National Electrical Code (NEC), NFPA 70

STYLE 1422 - 1423 KYNAR® WIRE 105°C

DESCRIPTION:
Solid, silver-plated, oxygen-free, high conductivity (OFHC) copper conductor, extruded Kynar® (Polyvinylidene fluoride) insulation.

CHARACTERISTICS:
Operating temperature through 125° continuous (U.L. rated at 105°).
Extremely tough; high cut-through resistance.
Self-extinguishing; will not support combustion.
Resistant to most chemicals and solvents.
Excellent ultra-violet and weathering resistance.

APPLICATIONS:
Designed for use in automatic wire wrapping equipment for applications in the computer and related industries.

OLYMPIC NO.	CONDUCTOR SIZE	NOM. WALL THICKNESS	NOM. O.D.	UL STYLE NO.
460	30	.0050"	.020"	1423
461	28	.0055"	.023"	1422
462	26	.0055"	.026"	1422
463	24	.0050"	.030"	1423

HOOK-UP WIRE COLOR CODE

0-BLACK	3-ORANGE	6-LT. BLUE	9-WHITE	12-PINK
1-BROWN	4-YELLOW	7-VIOLET	10-DK. BLUE	
2-RED	5-GREEN	8-GREY	11-TAN	

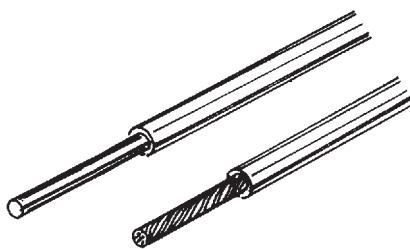
RoHS Compliant



R HOOK-UP WIRE
IRRADIATED PVC HEAT RESISTANT

STYLE 1429 - (SP) MIL-W-16878D "B" 150 VOLTS 80°C

SOLID AND STRANDED

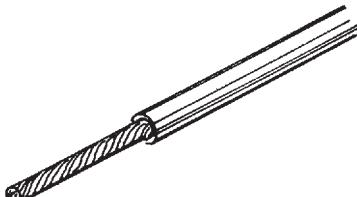


UL1429 #30 AWG - 16 AWG; 80°C, 150V (300V Peak)
UL1534 #14 AWG; 80°C, No Voltage Specified
CSA Style AWM (XLPVC) and VW-1 (FR-1) Approved
Meets requirements of MIL-W-16878E/1, 600V, 105°C.

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
420	26	7/34	.011"	.038"
421	24	19/36	.011"	.043"
422	24	7/32	.011"	.043"
425	22	19/34	.011"	.050"
424	22	7/30	.011"	.050"
427	20	19/32	.011"	.058"
426	20	7/28	.011"	.058"
429	18	19/30	.011"	.068"
428	18	7/26	.011"	.068"
430	16	19/29	.011"	.077"
431	14	19/27	.011"	.091"
433	24	solid	.011"	.040"
432	22	solid	.011"	.045"
434	20	solid	.011"	.054"

STYLE 1430 - (SP) MIL-W-16878D "C" 300 VOLTS 105°C

STRANDED



UL1430 #26 AWG - 16 AWG; 105°C, 300V (600V Peak)
*UL1557 #14 AWG - 12 AWG; 105°C, No Voltage Specified
or UL3317, 105°C, 300V (600V Peak) #14 & #12
CSA Styles REW (XLPVC) and VW-1 (FR-1) Approved
Meets requirements of MIL-W-16878E/2, 1000V, 105°C.

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
409	24	19/36	.017"	.056"
410	24	7/32	.017"	.056"
411	22	19/34	.017"	.062"
412	22	7/30	.017"	.062"
413	20	19/32	.017"	.070"
414	20	7/28	.017"	.070"
415	18	19/30	.017"	.080"
416	18	7/26	.017"	.080"
418	16	19/29	.017"	.091"
*419	14	19/27	.017"	.105"
*423	12	19/25	.017"	.124"

TEST LEAD WIRE 90°C



OLYMPIC NO.	AWG (Stranding)	INSULATION THICKNESS	NOM. O.D.	BREAKDOWN VOLTAGE
506	18 (65x36)	.045"	.144"	20,000

DESCRIPTION:

Tinned copper, separator, rubber insulated.
Suggested working voltage: 5000

COLORS AVAILABLE:
Black or Red



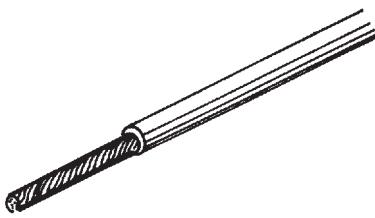
RU HOOK-UP WIRE

IRRADIATED CRSSLINKED POLYOLEFIN

STYLE 3265 - 150 VOLTS

125°C

Irradiated Crosslinked Polyolefin



UL Listed thin wall Hook-up wire with high electrical values and excellent thermal aging characteristics.
Tin coated copper per ASTM B-33.
300V peak electronic.

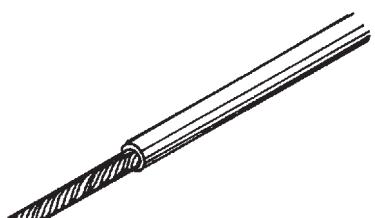
Passes the VW-1 Vertical Flame Test

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
570	30	7	.010"	.033"
571	28	7	.010"	.036"
572	26	7	.010"	.040"
573	24	7	.010"	.045"
574	24	19	.010"	.047"
575	22	7	.010"	.051"
576	22	19	.010"	.052"
596	20	7	.010"	.059"
577	20	19	.010"	.059"
597	18	7	.010"	.068"
578	18	19	.010"	.068"
579	16	19	.010"	.077"
595	14	19	.010"	.099"

STYLE 3266 - 300 VOLTS

125°C

Irradiated Crosslinked Polyolefin



UL Listed medium wall Hook-up wire, flame retardant high temperature.
Tin coated copper per ASTM B-33.
600V peak electronic.

Passes the VW-1 Vertical Flame Test

OLYMPIC NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
580	30	7	.016"	.043"
581	28	7	.016"	.046"
582	26	7	.016"	.050"
583	24	7	.016"	.054"
584	24	19	.016"	.055"
585	22	7	.016"	.061"
586	22	19	.016"	.061"
594	20	7	.016"	.069"
587	20	19	.016"	.069"
593	18	7	.016"	.078"
588	18	19	.016"	.078"
589	16	19	.016"	.087"
590	14	19	.016"	.109"
591	12	65	.016"	.128"
592	10	105	.016"	.154"



HOOK-UP WIRE

MIL-W-16878/1

TYPE B - UNCOVERED PVC

**DESCRIPTION:**

Stranded tinned copper, color coded.
.010" PVC insulation.

CHARACTERISTICS:

Temperature rating — 55°C to +105°C.
Voltage rating 600 Volts. Resistant to acids, alkalis, oil, flame, moisture, solvents, and fungus.

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
150	B-32	32	7/40	.010"	.028"
151	B-30	30	7/38	.010"	.032"
152	B-28	28	7/36	.010"	.034"
153	B-26	26	7/34	.010"	.038"
154	B-24	24	7/32	.010"	.043"
155	B-24	24	19/36	.010"	.043"
156	B-22	22	7/30	.010"	.050"
157	B-22	22	19/34	.010"	.050"
158	B-20	20	7/28	.010"	.058"
159	B-20	20	19/32	.010"	.058"
160	B-18	18	7/26	.010"	.068"
161	B-18	18	19/30	.010"	.068"
162	B-16	16	19/29	.010"	.077"
163	B-14	14	19/27	.010"	.091"

MIL-W-16878/17

TYPE B - NYLON JACKET

**DESCRIPTION:**

Stranded tinned copper, color coded.
.010" PVC insulation, clear nylon (polyamide) jacket overall.

CHARACTERISTICS:

Temperature rating — 55°C to +115°C.
Voltage rating 600 Volts. Resistant to acids, alkalis, oil, flame, moisture, solvents, and fungus.

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. JACKET THICKNESS	NOM. O.D.
170	B-26	26	7/34	.010"	.003"	.044"
171	B-24	24	7/32	.010"	.003"	.049"
172	B-24	24	19/36	.010"	.003"	.049"
173	B-22	22	7/30	.010"	.003"	.056"
174	B-22	22	19/34	.010"	.003"	.056"
175	B-20	20	7/28	.010"	.003"	.064"
176	B-20	20	19/32	.010"	.003"	.064"
177	B-18	18	7/26	.010"	.003"	.074"
178	B-18	18	19/30	.010"	.003"	.074"
179	B-16	16	19/29	.010"	.003"	.085"
180	B-14	14	19/27	.010"	.003"	.099"

TYPE B - PRE-BONDED CONDUCTOR



DESCRIPTION: Each strand of the conductor is double tinned and then heated, which bonds the individual strands together for easy stripping. Color coded .010" PVC insulation. The insulation meets requirements of MIL-W-16878D.

CHARACTERISTICS: Temperature rating — 55°C to 105°C. Voltage rating 600 Volts. Resistant to acids, alkalis, oil, flame, moisture, solvents, and fungus.

APPLICATION:

A pre-bonded conductor is the ideal construction when leads are to be cut and stripped for point to point wiring. The pre-bonded conductor maintains much of the flexibility of an ordinary stranded wire but reduces processing and handling costs on soldering, retwisting of strands after stripping and hand tinning operations. Since the individual strands are bonded, expensive induction heating equipment is unnecessary.

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
220	B-24	24	7/32	.010"	.044"
221	B-22	22	7/30	.010"	.051"
222	B-20	20	7/28	.010"	.059"
223	B-18	18	7/26	.010"	.070"



HOOK-UP WIRE

TYPE C - UNCOVERED PVC

MIL-W-16878/2

**DESCRIPTION:**

Stranded tinned copper, color coded.
PVC insulation.

CHARACTERISTICS:

Temperature rating — 55°C to +105°C.
Voltage rating 1000 Volts. Resistant to acids, alkalis,
oil, flame, moisture, solvents, and fungus.

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
189	C-26	26	7/34	.016"	.050"
190	C-24	24	7/32	.016"	.058"
191	C-22	22	7/30	.016"	.064"
192	C-20	20	7/28	.016"	.072"
193	C-18	18	7/26	.016"	.082"
194	C-16	16	19/29	.016"	.091"
195	C-14	14	19/27	.016"	.105"
196	C-12	12	19/25	.016"	.124"

TYPE C - NYLON JACKET

MIL-W-16878/18

**DESCRIPTION:**

Stranded tinned copper, color coded.
PVC insulation, clear nylon
(polyamide) jacket overall.

CHARACTERISTICS:

Temperature rating — 55°C to +115°C.
Voltage rating 1000 Volts. Resistant to acids, alkalis,
oil, flame, moisture, solvents, and fungus.

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. JACKET THICKNESS	NOM. O.D.
200	C-24	24	7/32	.016"	.002"	.065"
201	C-22	22	7/30	.016"	.003"	.072"
202	C-20	20	7/28	.016"	.003"	.079"
203	C-18	18	7/26	.016"	.003"	.090"
204	C-16	16	19/29	.016"	.004"	.100"
205	C-14	14	19/27	.016"	.004"	.114"
206	C-12	12	19/25	.016"	.005"	.135"



HOOK-UP WIRE

MIL-W-16878/3

**DESCRIPTION:**

Stranded tinned copper, color coded.
PVC insulation.

CHARACTERISTICS:

Temperature rating — 55°C to +105°C.
Voltage rating 3000 Volts. Resistant to acids, alkalis,
oil, flame, moisture, solvents, and fungus.

TYPE D - UNCOVERED PVC

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
230	D-24	24	7/32	.029"	.082"
231	D-22	22	7/30	.029"	.088"
232	D-20	20	7/28	.029"	.096"
233	D-18	18	7/26	.029"	.106"
234	D-16	16	19/29	.029"	.115"
235	D-14	14	19/27	.029"	.129"
236	D-12	12	19/25	.034"	.158"
237	D-10	10	37/26	.037"	.185"
238	D-8	8	133/29	.040"	.247"
239	D-6	6	133/27	.040"	.290"

MIL-W-16878/19

**DESCRIPTION:**

Stranded tinned copper, color coded.
.010" PVC insulation, clear nylon
(polyamide) jacket overall.

CHARACTERISTICS:

Temperature rating — 55°C to +115°C.
Voltage rating 3000 Volts. Resistant to acids, alkalis,
oil, flame, moisture, solvents, and fungus.

TYPE D - NYLON JACKET

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. JACKET THICKNESS	NOM. O.D.
240	D-24	24	7/32	.029"	.004"	.090"
241	D-22	22	7/30	.029"	.004"	.096"
242	D-20	20	7/28	.029"	.004"	.104"
243	D-18	18	7/26	.029"	.004"	.114"
261	D-18	18	19/30	.029"	.004"	.115"
244	D-16	16	19/29	.029"	.005"	.125"
245	D-14	14	19/27	.029"	.005"	.139"
246	D-12	12	19/25	.034"	.005"	.168"
247	D-10	10	37/26	.037"	.006"	.197"
248	D-8	8	133/29	.040"	.009"	.265"
249	D-6	6	133/27	.040"	.010"	.310"

MIL-W-16878/4 UL1213

**DESCRIPTION:**

Single conductor stranded silver plated copper
extruded PTFE insulation.

CHARACTERISTICS:

Temperature rating -65°C to +200°C.
Voltage rating 600 Volts. Resistant to acids, alkalis,
oil, flame, moisture, solvents, and fungus.

UL Rated 105°C, not Voltage Rated

† Not UL recognized

NEMA HP3 PTFE TYPE E - EXTRUDED

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
300	E-32	32	7/40	.010"	.029"
301	E-30	30	7/38	.010"	.032"
302	E-28	28	7/36	.010"	.036"
303	E-26	26	7/34	.010"	.040"
304	E-26	26	19/38	.010"	.041"
305	E-24	24	19/36	.010"	.045"
306	E-24	24	7/32	.010"	.044"
307	E-22	22	19/34	.010"	.051"
308	E-22	22	7/30	.010"	.050"
309	E-20	20	19/32	.010"	.059"
310	E-20	20	7/28	.010"	.058"
311	E-18	18	19/30	.010"	.070"
312	E-16	16	19/29	.010"	.077"
†313	E-14	14	19/27	.012"	.094"
†314	E-12	12	19/25	.012"	.113"
†315	E-10	10	37/26	.012"	.134"



HOOK-UP WIRE

PTFE TYPE EE - EXTRUDED UL1180 NEMA HP3

MIL-W-16878/5

**DESCRIPTION:**

Single conductor stranded silver plated copper, PTFE extruded insulation.

CHARACTERISTICS:

Temperature rating -65°C to +200°C.
Voltage rating 1000 Volts. Resistant to acids, alkalis, oil, flame, moisture, solvents, and fungus.
UL Rated 200°C, 300V

*Not UL Listed

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
316	EE-24	24	19/36	.014"	.055"
317	EE-22	22	7/30	.014"	.060"
318	EE-22	22	19/34	.014"	.062"
319	EE-20	20	7/28	.014"	.068"
320	EE-20	20	19/32	.014"	.070"
321	EE-18	18	19/30	.014"	.080"
322	EE-16	16	19/29	.014"	.089"
323	EE-14	14	19/27	.017"	.106"
324	EE-12	12	19/25	.017"	.124"
325	EE-10	10	37/26	.017"	.145"
*326	EE-8	8	133/29	.020"	.210"

PTFE TYPE ET - EXTRUDED UL1371 NEMA HP3

MIL-W-16878/6

**DESCRIPTION:**

Single conductor stranded silver plated copper, extruded PTFE insulation.

CHARACTERISTICS:

Temperature rating -65°C to +200°C.
Voltage rating 250 Volts. Resistant to acids, alkalis, oil, flame, moisture, solvents, and fungus.

APPLICATION:

Type ET Wire is intended for limited use in low-voltage and high temperature applications (suitable for ultra-high frequency use).
UL Rated 105°C, not Voltage Rated

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
330	ET-32	32	7/40	.006"	.021"
331	ET-30	30	7/38	.006"	.024"
332	ET-28	28	7/36	.006"	.027"
333	ET-28	28	19/40	.006"	.027"
334	ET-26	26	7/34	.006"	.031"
335	ET-26	26	19/38	.006"	.032"
336	ET-24	24	7/32	.006"	.036"
337	ET-24	24	19/36	.006"	.037"
338	ET-22	22	7/30	.006"	.042"
339	ET-22	22	19/34	.006"	.044"

PTFE TYPE E - SOLID CONDUCTOR UL1213 NEMA HP3

MIL-W-16878/4

**DESCRIPTION:**

Single conductor solid silver plated copper, extruded PTFE insulation.

CHARACTERISTICS:

Temperature rating -65°C to +200°C.
Voltage rating 600 Volts. Resistant to acids, alkalis, oil, flame, moisture, solvents, and fungus.
UL Rated 105°C, not Voltage Rated

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	NOM. WALL THICKNESS	NOM. O.D.
340	E-26	26	.010"	.036"
341	E-24	24	.010"	.040"
342	E-22	22	.010"	.045"
343	E-20	20	.010"	.052"
344	E-18	18	.010"	.060"

MIL-W-76D TYPE LW - UNCOVERED PVC

DESCRIPTION:

Stranded tinned copper, color coded light wall PVC insulation.

CHARACTERISTICS:

Temperature rating — 40°C to +80°C.
Voltage rating 300 Volts. Resistant to acids, alkalis, oil, flame, moisture, and fungus.

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
125	LW-C 30(7)U	30	7/38	.010"	.033"
126	LW-C 28(7)U	28	7/36	.010"	.035"
127	LW-C 26(7)U	26	7/34	.010"	.038"
128	LW-C 24(7)U	24	7/32	.010"	.043"
129	LW-C 22(7)U	22	7/30	.010"	.049"
130	LW-C 20(7)U	20	7/28	.010"	.060"

MIL-W-76D TYPE MW - UNCOVERED PVC

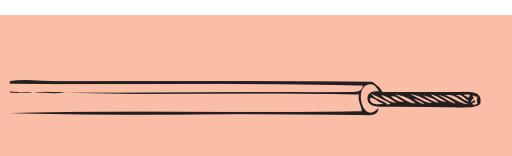
DESCRIPTION:

Solid or flexible stranded tinned copper, color coded medium wall PVC insulation.

CHARACTERISTICS:

Temperature rating — 40°C to +80°C.
Voltage rating 1000 Volts. Resistant to acids, alkalis, oil, flame, moisture, and fungus.

STRANDED					
OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D.
100	MW-C 24(7)U	24	7/32	.016"	.059"
101	MW-C 22(7)U	22	7/30	.016"	.064"
103	MW-C 20(10)U	20	10/30	.016"	.073"
105	MW-C 18(16)U	18	16/30	.016"	.084"
107	MW-C 16(26)U	16	26/30	.016"	.095"
109	MW-C 14(41)U	14	41/30	.016"	.110"
110	MW-C 12(65)U	12	65/30	.016"	.125"
SOLID					
111	MW-C 24(1)U	24	1	.016"	.055"
112	MW-C 22(1)U	22	1	.016"	.060"
113	MW-C 20(1)U	20	1	.016"	.066"
115	MW-C 18(1)U	18	1	.016"	.074"
116	MW-C 16(1)U	16	1	.016"	.092"

TRI RATED *UL 1015 + CSA TEW - 105 MIL-W-76D TYPE HW - UNCOVERED PVC

DESCRIPTION:

Stranded tinned copper, color coded heavy wall PVC insulation.

CHARACTERISTICS:

Temperature rating — 40°C to +80°C.
Resistant to acids, alkalis, oil, flame, moisture, and fungus.

*TEMPERATURE RATING:
-20°C +105°C UL & CSA

OLYMPIC NO.	TYPE DESIGNATION	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	VOLT RATING	NOM. O.D.
131	HW-C 22(7)U	22	7/30	.032"	2500	.092"
133	HW-C 20(10)U	20	10/30	.032"	2500	.100"
135	HW-C 18(16)U	18	16/30	.032"	2500	.112"
137	HW-C 16(26)U	16	26/30	.032"	2500	.126"
139	HW-C 14(41)U	14	41/30	.045"	600	.170"
141	HW-C 12(65)U	12	65/30	.045"	600	.186"
143	HW-C 10(105)U	10	105/30	.045"	600	.210"
145	HW-C 8(133)U	8	133/30	.045"	600	.260"
146	HW-C 6(133)U	6	133/30	.045"	600	.305"

RoHS Compliant



HIGH TEMPERATURE LEAD WIRE

TYPE MG - UL STYLE 5107, CSA AWM CLASS 1

450°C-600 VOLTS

UL LISTED and CSA

DESCRIPTION:

Flexible, stranded, 27% nickel-clad copper conductor, glass reinforced mica tapes insulation, glass braid jacket impregnated with high temperature finisher (tan), optional colors available on request

PHYSICAL PROPERTIES:

Superior resistance to high temperature and the effects of radiation, insulating materials retain their integrity after exposure to 10^{12} Roentgens of radiation

APPLICATION:

For wiring in ovens and other high temperature equipment where temperatures do not exceed 450°C

NOMINAL THICKNESSES:

Insulation: 22-12 AWG .025", 10-4 AWG .030", 2-4/0 AWG .035"

Jacket: 22-12 AWG .007", 10-4 AWG .015", 2-4/0 AWG .020"

OLYMPIC NO.	CONDUCTOR AWG	STRANDING	NOM. O.D.	NOM. BEND RADIUS
500	22	7 x 30	.10"	.60"
501	20	10 x 30	.11"	.66"
502	18	16 x 30	.12"	.72"
503	16	26 x 30	.13"	.78"
504	14	41 x 30	.14"	1.12"
505	12	65 x 30	.15"	1.20"
516	10	105 x 30	.22"	1.76"
507	8	133 x 29	.26"	2.60"
508	6	133 x 27	.31"	3.10"
509	4	133 x 25	.36"	4.32"
510	2	133 x 23	.45"	5.40"
511	1	259 x 25	.50"	6.00"
512	1/0	259 x 24	.54"	6.48"
513	2/0	259 x 23	.60"	7.20"
514	3/0	259 x 22	.66"	7.92"
515	4/0	259 x 21	.72"	8.64"

TYPE MG - UL STYLE 5128

450°C-300 VOLTS

UL LISTED

NOTE:

Description, physical properties and application are same as 600V above

NOMINAL THICKNESSES:

Insulation: 22-12 AWG .015", 10-4 AWG .020"

Jacket: 22-12 AWG .007", 10-4 AWG .015"

520	22	7 x 30	.080"	.60"
521	20	10 x 30	.090"	.66"
522	18	16 x 30	.100"	.72"
523	16	26 x 30	.110"	.78"
524	14	41 x 30	.130"	1.12"
525	12	65 x 30	.150"	1.20"
526	10	105 x 30	.200"	1.76"
527	8	133 x 29	.240"	2.60"
528	6	133 x 27	.290"	3.10"
529	4	133 x 25	.340"	4.32"

TYPE TGGT - UL STYLE 5256, CSA AWM CLASS 1 A/B

250°C-600 VOLTS

UL LISTED AND CSA

DESCRIPTION:

Flexible, stranded, 10% nickel-plated copper conductor, PTFE tape wrapped,ceramic tape insulation, PTFE impregnated glass braid jacket (tan), optional colors available on request

PHYSICAL PROPERTIES:

The ceramic tape insulation combines high dielectric strength with excellent flexibility and ease of stripping to achieve a lead wire of superior resistance to high temperatures, abrasion, chemicals and moisture

APPLICATION:

For internal wiring of heating equipment, cooking equipment and heat producing appliances in domestic, industrial and cooking applications

NOMINAL THICKNESSES:

PTFE Tape: All sizes .015"

Insulation: 24-8 AWG .010", 6-4/0 AWG .015"

Jacket: 24-8 AWG .005", 6-2 AWG .0075", 1-4/0 AWG .010"

OLYMPIC NO.	CONDUCTOR AWG	STRANDING	NOM. O.D.	NOM. BEND RADIUS
531	22	7 x 30	.090"	.54"
532	20	10 x 30	.100"	.60"
533	18	16 x 30	.110"	.66"
534	16	26 x 30	.120"	.72"
535	14	41 x 30	.140"	1.12"
536	12	65 x 30	.160"	1.28"
537	10	105 x 30	.185"	1.48"
538	8	133 x 29	.230"	2.30"
539	6	133 x 27	.285"	2.85"
540	4	133 x 25	.340"	4.08"
541	2	133 x 23	.410"	4.92"
542	1	259 x 25	.470"	5.64"
543	1/0	259 x 24	.515"	6.18"
544	2/0	259 x 23	.570"	6.84"
545	3/0	259 x 22	.625"	7.50"
546	4/0	259 x 21	.690"	8.28"



HIGH TEMPERATURE LEAD WIRE

150°C-300 or 600 VOLTS

UL TYPE SFF-1 & SFF-2

SILICONE/GLASS BRAID
18 - 12 AWG
UL LISTED
OSHA ACCEPTABLE

DESCRIPTION:
Stranded tinned copper conductor,
silicone rubber insulation,
lacquered glass braid jacket (white),
optional colors available on request

APPLICATIONS:

For use in wiring electronic and electrical equipment where a high temperature rating is required

NOTES:

Sizes 18-12 AWG SFF-2 may be certified CSA SEWF-2 on request, sizes 18-14 AWG SFF-2 are also listed UL 3070

OLYMPIC NO.	UL STYLE NUMBER	AWG	CONDUCTOR STRANDING	INSULATION THICKNESS	NOM. O.D.	VOLTAGE RATING
7000	SFF-1	18	16 x 30	.016"	.110"	300
7001	SFF-2	18	16 x 30	.031"	.125"	600
7002	SFF-2	16	26 x 30	.031"	.137"	600
7003	SFF-2	14	41 x 30	.031"	.155"	600
7004	3070	12	65 x 30	.031"	.177"	600

180°C-600 VOLTS

TYPE SRML - MOTOR LEAD WIRE

SILICONE/GLASS BRAID
18 - 4/0 AWG
UL LISTED
OSHA ACCEPTABLE

CSA CERTIFIED
VW-1 RATED

DESCRIPTION:
Stranded tinned copper conductor,
separator on 8 AWG and larger,
silicone rubber insulation,
lacquered glass braid jacket (white),
optional colors available on request

APPLICATIONS:

For use as leads to motors, transformers and
other electrical circuits where flexible conductors
are required to operate under high temperature
conditions; operating temperature:
200°C intermittent, 150°C continuous

7080	18	16 x 30	.030"	.125"	600
7081	16	26 x 30	.030"	.137"	600
7082	14	41 x 30	.030"	.155"	600
7083	12	65 x 30	.030"	.177"	600
7084	10	104 x 30	.045"	.236"	600
7085	8	133 x 29	.060"	.304"	600
7086	6	133 x 27	.060"	.348"	600
7087	4	133 x 25	.060"	.404"	600
7088	2	133 x 23	.060"	.473"	600
7089	1	259 x 25	.080"	.552"	600
7090	1/0	259 x 24	.080"	.598"	600
7091	2/0	259 x 23	.080"	.652"	600
7092	3/0	259 x 22	.080"	.712"	600
7093	4/0	259 x 21	.080"	.777"	600

NOTES:

Sizes 18-10 AWG are UL listed SFF-2, sizes 18-12 AWG are UL listed 3070, size 10 AWG is UL listed 3101, sizes 8-4/0 are UL listed 3278,
sizes 18-6 AWG are CSA certified SEWF-2, sizes 4-4/0 AWG are CSA certified SEW-2

200°C-300 or 600 VOLTS

UL TYPE SF-1 & SF-2

SILICONE/GLASS BRAID
18 - 10 AWG
UL LISTED
OSHA ACCEPTABLE

DESCRIPTION:
Stranded tinned copper conductor,
silicone rubber insulation,
lacquered glass braid jacket (white),
optional colors available on request

7005	SF-1	18	7 x 26	.016"	.110"	300
7006	SF-2	18	7 x 26	.031"	.123"	600
7007	SF-2	16	7 x 24	.031"	.135"	600
7008	SF-2	14	7 x 22	.031"	.150"	600
7009	SF-2, 3074	12	19 x 25	.031"	.170"	600
7010	SF-2, 3075	10	19 x 18	.047"	.226"	600

APPLICATIONS:

For use in wiring electronic and electrical equipment and appliances where a high temperature rating is required

NOTES:

Sizes 18-14 AWG may be certified CSA SEW-1 or SEW-2 on request, sizes 18-14 AWG SF-2 are also listed UL 3071



DIESEL LOCOMOTIVE CAR WIRE

INDUSTRIAL MOTOR LEAD CABLE

-40°C+ 90°C-600/2000 VOLTS

DESCRIPTION:

Nominal Voltage: RHH/RHW-2 600V and 200V, RW-90 CSA, 1kV, DLO 2kV

Conductors: Flexible strand tin coated copper conductor, B-172, ASTM B-33

Separator: Tape separator between conductor and insulation

Insulation: Ethylene-propylene rubber (EPR), UL, CSA, ICEA, AAR RP-588, 90°C

Jacket: Black heavy duty, thermoset CPE, ICEA S-95-658 NEMA WC70, AAR RP-586

Bending Radius: For fixed – minimum 4xD, for flexible – minimum 6xD, D – diameter of cable

APPLICATIONS:

For use in diesel and electric locomotives, transit cars, earth-moving equipment, and oil rigging

APPROVALS:

UL: (CPE Jacket) RHW-2 90C wet and dry, VW-1, Sun Resistant, for 1/0 and larger ST-1, FT-4, IEEE1202, for CT use

C(UL): TYPE RW90 EPR; 1000V; FT1

CSA: RW-90 90C; FT1; FT4; -40°C; for 1/0 AWG and larger; OIL RES, Tray Cable, Sun Resistant

MSHA

OLYMPIC NO.	CONDUCTOR AWG	NO. STRANDS	INSULATION THICKNESS	JACKET THICKNESS	NOM. O.D.
8032	14	19	.045"	.030"	.193"
8033	12	19	.045"	.030"	.217"
8034	10	27	.045"	.030"	.248"
8035	8	37	.060"	.030"	.323"
8036	6	61	.060"	.030"	.362"
8038	4	105	.060"	.030"	.413"
8040	2	150	.060"	.030"	.489"
8041	1	225	.080"	.045"	.583"
8042	1/0	275	.080"	.045"	.642"
8043	2/0	325	.080"	.045"	.681"
8044	3/0	450	.080"	.045"	.781"
8045	4/0	550	.080"	.045"	.815"
8046	313.1 MCM	775	.094"	.065"	.984"
8047	444.4 MCM	1100	.094"	.065"	1.138"
8048	535.3 MCM	1325	.109"	.065"	1.244"
8049	646.4 MCM	1591	.109"	.065"	1.355"
8050	777.7 MCM	1924	.109"	.065"	1.433"
8051	929.2 MCM	2299	.109"	.065"	1.516"
8052	1111 MCM	2750	.125"	.095"	1.791"

SWITCHBOARD WIRE

UL 3173, SIS
CSA CL1251, AWM I A/B

**OSHA ACCEPTABLE
VW-1 RATED**

DESCRIPTION:

Stranded tinned copper conductor, separator to facilitate stripping, gray cross-linked polyethylene (XLP) insulation

APPLICATIONS:

For use in wet or dry locations for switchboards, distribution boards, panelboards and control apparatus

NOTE:

VW-1 rated on request

* Not SIS

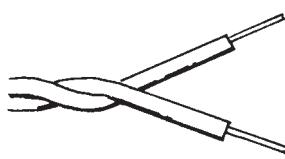
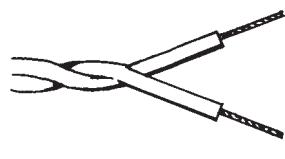
Other colors available on request

125°C-600 VOLTS

OLYMPIC NO.	CONDUCTOR AWG	STRANDING	INSULATION THICKNESS	NOM. O.D.
* 7070	18	16 x 30	.030"	.113"
* 7071	16	26 x 30	.030"	.125"
7072	14	41 x 30	.030"	.143"
7073	12	65 x 30	.030"	.165"
7074	10	104 x 30	.030"	.195"
7075	8	133 x 29	.045"	.270"

UL 3196

7075/6	6	133/27	.060"	.340"
7075/4	4	133/25	.060"	.379"
* 7075/2	2	133/23	.060"	.470"

2 CONDUCTOR SPEAKER WIRE

SOLID

STRANDED

OLYMPIC NO.	UL STYLE NO.	DESCRIPTION	SIZE	CONDUCTOR STRAND	NOM. WALL THICK.	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE
2365	1007 (300v)	Copper, PVC insulated	22	Solid	.016"	.116"	Brown, Tan	300
2366	Wires, Misc. (90v)	Copper, PVC insulated, 1 Conductor tinned, 1 Conductor bare	22	7x30	.012"	.108"	Brn, Brn or Wht, Wht	300
2367	Wires, Misc.	Copper, PVC insulated, 1 Conductor tinned, 1 Conductor bare	20	10x30	.012"	.125"	Brn, Brn or Wht, Wht	300
2370	1007 (300v)	Tinned Copper, PVC insulated	18	7x26	.020"	.180"	Black, White	450
2371	Wires, Misc. (90v)	Copper, PVC insulated, 1 Conductor tinned, 1 Conductor bare	18	16x30	.012"	.142"	Brn, Brn or Wht, Wht	300
2372	1007 (300v)	Tinned Copper, PVC insulated	16	19x29	.023"	.204"	Black, White	600
2373	1007 (300v)	Tinned Copper, PVC insulated	16	19x29	.023"	.206"	Orange, Black	600

3 CONDUCTOR SPEAKER WIRE

SOLID

OLYMPIC NO.	DESCRIPTION	SIZE	CONDUCTOR STRAND	NOM. WALL THICK.	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE
2374	Bare Copper, PVC insulated	19	Solid	.015"	.142"	Brown, Gray, Tan	300


STRANDED

OLYMPIC NO.	UL STYLE NO.	DESCRIPTION	SIZE	CONDUCTOR STRAND	NOM. WALL THICK.	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE
2375	1007 (300v)	Tinned Copper, PVC insulated	16	19x29	.027"	.220"	Orange, Blk, & Orange w/ Blk Stripe	450



SPEAKER CABLE

SPEAKER CABLE

APPLICATIONS:

For use in High Definition Speaker Systems, provides a cable with low capacitance and allows it to be used with all amplifiers as opposed to other specialized high capacitance speaker wires, which cause high frequency oscillation in amplifiers.

STOCK COLOR: Clear only

* CL2 available upon request

OXYGEN FREE COPPER CONDUCTORS

OLYMPIC NO.	NUM. OF COND.	AWG	CONDUCTOR STRANDING	NOM. O.D.
2391	2	10	413 x 36	.270" x .540"
2392	2	12	259 x 36	.205" x .415"
2393	2	14	168 x 36	.170" x .350"
2394	2	16	105 x 36	.145" x .295"

LAMP CORD/SPEAKER CABLE

DESCRIPTION:

Stranded bare copper conductors, UL Class 11 60°C PVC, rip type construction for easy separation of conductors, one conductor ribbed for polarity i.d., surface printed with manufacturer's UL identifying code and wire gage

APPLICATIONS:

For use with fans, lamps, hanging fixtures, radios, TV sets, stereo and HiFi, small appliances and other applications

PACKAGING:

All SPT-1 and SPT-2 wires available on bulk reels
(consult factory for pricing and delivery)

* Custom colors in production quantities available
(consult factory for pricing and delivery)

OLYMPIC NO.	CURRENT RATING	AWG	CONDUCTOR STRANDING	UL TYPE	NOM. O.D.	AVAILABLE COLORS
2395	10 AMPS	18	41 x 34	SPT-1	.105" x .210"	BROWN, WHITE, BLACK, CLEAR
2396	10 AMPS	18	41 x 34	SPT-2	.145" x .300"	BROWN, WHITE, BLACK, CLEAR
2397	13 AMPS	16	65 x 34	SPT-2	.155" x .310"	BROWN, WHITE, BLACK, CLEAR
2398	4 AMPS	24	7 x 32		.050" x .120"	CLEAR

FLEXIBLE SOUND AND SPEAKER CABLE UNSHIELDED, DIRECT BURIAL

UL CL3, CM
DESCRIPTION:

Stranded bare copper, PVC insulated, conductors twisted, PVC jacket

TEMPERATURE RATING:

-20°C +75°C
300 Volts

OLYMPIC NO.	NUM. OF COND.	SIZE	CONDUCTOR INSUL. STRANDING	THICKNESS	JACKET THICKNESS	NOM. O.D.
2302F	2	16	65/34	.012"	.025"	.220"
2304F	4	16	65/34	.012"	.025"	.253"
2342F	2	14	105/34	.015"	.030"	.276"
2344F	4	14	105/34	.015"	.030"	.320"

COLOR CODE: Black, Red, Green, White



TELEPHONE CABLE

JACKETED/UNSHIELDED

UL CLASSIFIED CM

UNSHIELDED AUDIO CABLE-SOLID CONDUCTORS



OLYMPIC NO.	SIZE	NO. COND.	NOM. WALL THICK.	JACKET THICKNESS	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE
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2380	22	2	.012"	.022"	.160"	Red, Green	200
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DESCRIPTION:

Solid bare copper, polyethylene insulation, conductors twisted, Rose gray PVC jacket.

2382	22	4	.012"	.025"	.155"	Green, Red, Yellow, Black	300
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MODULAR CORD 60°C 150V AWM A/B

26 GAGE (7 x 34)

UL 20251 LISTED**DESCRIPTION:**

Stranded bare copper, PVC insulated, conductors parallel, silver PVC jacket

COLOR CODE:

Four Wire - Black, Red, Green, Yellow
Six Wire - White, Black, Red, Green, Yellow, Blue
Eight Wire - Blue, Orange, Black, Red, Green, Yellow, Brown, Grey
Ten Wire - Violet, Blue, Orange, Black, Red, Green, Yellow, Brown, Grey, White

Flame Test: FT1

OLYMPIC NO.	NUM. OF COND.	CONDUCTOR AWG STRANDING	NOM. O.D.
3744-26	4	26 7 x 34	.090" x .193"
3746-26	6	26 7 x 34	.090" x .280"
3748-26	8	26 7 x 34	.090" x .335"
3750-26	10	26 7 x 34	.090" x .430"



FIRE ALARM ECONOMY GRADE

POWER LIMITED 80°C-300 VOLTS FIRE-PROTECTIVE SIGNALING CABLE

RISER RATED

UL FPLR,
CMR, CL3R,
NEC 760

UNSHIELDED

DESCRIPTION:
Solid bare copper,
PVC insulated,
conductors twisted,
red PVC jacket

OLYMPIC NO.	NO. OF COND.	AWG SIZE	CAPACIT. COND. TO COND.	JACKET THICKNESS	NOM. O.D.
3106L	2	18	20.0 pF/ft.	.014"	.145"
3109L	4	18	20.0 pF/ft.	.015"	.162"
3109/6	6	18	20.0 pF/ft.	.014"	.200"
3109/8	8	18	20.0 pF/ft.	.014"	.220"
3112L	2	16	20.0 pF/ft.	.014"	.170"
3115L	4	16	31.0 pF/ft.	.014"	.190"
* 3118L	2	14	21.0 pF/ft.	.014"	.210"
* 3119L	4	14	20.0 pF/ft.	.014"	.250"
* 3122L	2	12	22.0 pF/ft.	.014"	.245"
* 3123	4	12		.018"	.280"

* FPLR, CL3R only

SHIELDED

DESCRIPTION:
Solid bare copper,
PVC insulated,
conductors twisted,
with aluminum mylar shield and
#22-7 tinned copper drain wire*,
red PVC jacket

OLYMPIC NO.	NO. OF COND.	AWG SIZE	INSUL. THICKNESS	JACKET THICKNESS	NOM. O.D.
3108L	2	18	.009"	.014"	.150"
3110L	4	18	.009"	.014"	.175"
3110/6	6	18	.009"	.014"	.205"
3110/8	8	18	.009"	.014"	.235"
3114L	2	16	.009"	.014"	.170"
3116L	4	16	.009"	.014"	.200"
* 3120L	2	14	.013"	.014"	.215"
* 3124L	2	12	.013"	.014"	.245"

*#16-7 tinned copper drain wire for cables with #14 and #12 conductors

* FPLR, CL3R only

COLOR CODE: Black, Red, Yellow, Blue, Brown, Orange, Green, White



NYC PLENUM FIRE ALARM CABLE

-40°C +150°C 300 VOLTS

NEC: FPLP

UNSHIELDED

Description: Solid Bare Copper PVDF Insulated, Twisted into Pairs, Red PVDF Jacket.

OLYMPIC NO.	NO. OF PAIRS	AWG	CONDUCTOR STRAND	NOM. O.D.	NOM. CAP PF/FT
3752E	1	18	1	.210"	18
3754E	2	18	1	.320"	19
3758E	1	16	1	.235"	20
3757E	2	16	1	.355"	21
3784E	1	14	1	.260"	22
3119E	2	14	1	.400"	23
3122E	1	12	1	.295"	23

SHIELDED

Description: Solid Bare Copper PVDF Insulated, Twisted into Pairs, Overall Aluminum Mylar Shield, Stranded Tinned Copper Drain Wire, Red PVDF Jacket.

OLYMPIC NO.	NO. OF PAIRS	AWG	CONDUCTOR STRAND	NOM. O.D.	NOM. CAP PF/FT
3762E	1	18	1	.215"	30
3774E	2	18	1	.325"	25
3782E	1	16	1	.240"	35
3783E	2	16	1	.360"	29
3760E	1	14	1	.265"	40
3119ES	2	14	1	.405"	33
3124E	1	12	1	.300"	45

-70°C +200°C 300 VOLTS

OLYMPIC NO.	NO. OF PAIRS	AWG	CONDUCTOR STRAND	NOM. O.D.	NOM. CAP PF/FT
3752ET	1	18	1	.210"	13
3754ET	2	18	1	.320"	14
3758ET	1	16	1	.235"	15
3757ET	2	16	1	.355"	16
3784ET	1	14	1	.260"	17
3119ET	2	14	1	.400"	18
3122ET	1	12	1	.295"	19

COLOR CODE: Black & Red, White & Green



PLENUM FIRE ALARM CABLE

NEC: FPLP

NYC PLENUM FIRE ALARM CABLE

-70°C +200°C 300 VOLTS

Shielded

Description: Solid Bare Copper, FEP Insulated, Twisted into Pairs, Overall Aluminum Mylar Shield, Stranded Tinned Copper Drain Wire, Red FEP Jacket.



OLYMPIC NO.	PAIRS	CONDUCTOR AWG	STRAND	NOM. O.D.	NOM. CAP.
3762ET	1	18	1	.215"	24
3774ET	2	18	1	.325"	19
3782ET	1	16	1	.240"	28
3783ET	2	16	1	.360"	22
3760ET	1	14	1	.265"	32
3119EST	2	14	1	.405"	25
3124ET	1	12	1	.300"	36

COLOR CODE: Black & red, White & green

UL CLASSIFIED FPLP, CMP, CL3P 300 VOLTS PLENUM FIRE ALARM CABLE

Unshielded



OLYMPIC NO.	NO. OF COND.	CONDUCTOR AWG	STRAND	NOM. O.D.
3752-760	2	18	1	.139"
*3754-760	4	18	1	.172"
3758-760	2	16	1	.160"
*3757-760	4	16	1	.189"
† 3784-760A	2	14	1	.210"
† 3119T	4	14	1	.247"
† 3122T	2	12	1	.245"
† 3123T	4	12	1	.290"

† FPLP, CL3P only

Shielded



OLYMPIC NO.	NO. OF COND.	CONDUCTOR AWG	STRAND	NOM. O.D.
3762-760	2	18	1	.146"
3774-760	4	18	1	.171"
3782-760	2	16	1	.167"
3783-760	4	16	1	.196"
† 3760-760	2	14	1	.193"
† *3119ST	4	14	1	.245"
† 3124T	2	12	1	.250"

DESCRIPTION:
Solid soft bare copper, insulated with extruded insulation, twisted, aluminum mylar shield, tinned copper drain wire, overall red jacket

COLOR CODE:
Black, Red, White, Green

† FPLP, CL3P only

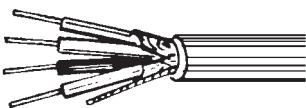
*Color Code: Black, Red, Brown, Blue



MULTI-CONDUCTOR CABLE

LOW VOLTAGE CONTROL, FOIL SHIELDED

NEC: FPLR CMR/CL3R

**DESCRIPTION:**

Bare copper, PVC insulated, twisted, aluminum mylar shield, stranded tinned copper drain wire, chrome PVC jacket.

COLOR CODE:

Black, Red, White, Green, Brown, Blue

OPERATING TEMPERATURE:

-10°C + 75°C

VOLTAGE RATING:

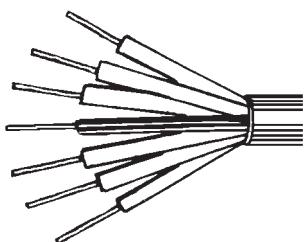
300 Volts

14 and 12 AWG not CMR

OLYMPIC NO.	NO. OF COND.	AWG	STRANDING	INSUL. THICK.	NOM. CAP.	NOM. JACKET THICK.	NOM. O.D.
2877L	2	22	7/30	.008"	55	.014"	.114"
2880L	3	22	7/30	.008"	55	.014"	.121"
2882L	4	22	7/30	.008"	55	.014"	.131"
2881L	2	20	7/28	.008"	60	.014"	.152"
2884L	3	20	7/28	.008"	60	.014"	.155"
2886L	2	18	7/26	.008"	68	.014"	.151"
2888L	3	18	7/26	.008"	68	.014"	.162"
2890L	4	18	7/26	.008"	68	.014"	.175"
2890/6L	6	18	7/26	.008"	68	.014"	.210"
2891L	2	16	19/29	.008"	58	.020"	.190"
2892L	3	16	19/29	.008"	80	.025"	.230"
2892/4L	4	16	19/29	.010"	41	.025"	.237"
2893L	2	14	19/27	.014"	76	.025"	.215"

LOW VOLTAGE CONTROL, UNSHIELDED

NEC: FPLR CL3R or CMR

**DESCRIPTION:**

Bare copper, PVC insulated, twisted, chrome PVC jacket.

COLOR CODE:

Chart 8

OPERATING TEMPERATURE:

-10°C + 75°C

VOLTAGE RATING:

300 Volts

14 and 12 AWG not CMR

OLYMPIC NO.	NO. OF COND.	AWG	STRANDING	NOM. INSUL.	NOM. JACKET THICK.	NOM. O.D.
2002L	2	22	7	.006"	.014"	.110"
2003L	3	22	7	.006"	.014"	.120"
2004L	4	22	7	.006"	.014"	.130"
2005L	5	22	7	.006"	.014"	.140"
2006L	6	22	7	.006"	.014"	.150"
2007L	7	22	7	.006"	.014"	.150"
2008L	8	22	7	.006"	.014"	.165"
2009L	9	22	7	.006"	.014"	.175"
2010L	10	22	7	.006"	.014"	.190"
2012L	12	22	7	.006"	.014"	.200"
2202L	2	18	7	.007"	.014"	.150"
2203L	3	18	7	.007"	.014"	.160"
2204L	4	18	7	.007"	.014"	.175"
2205L	5	18	7	.007"	.014"	.190"
2206L	6	18	7	.007"	.014"	.210"
2207L	7	18	7	.007"	.014"	.210"
2208L	8	18	7	.007"	.014"	.230"
2209L	9	18	7	.007"	.014"	.245"
2210L	10	18	7	.007"	.014"	.270"
2212L	12	18	7	.007"	.014"	.280"
2302L	2	16	19	.009"	.014"	.190"
2304L	4	16	19	.009"	.014"	.220"
2342L	2	14	19	.011"	.014"	.220"
2362L	2	12	19	.016"	.014"	.298"



REMOTE CONTROL, SIGNALING & POWER LIMITED CIRCUITS

NEC CMP/CL3P/FPLP

EXTRA FLEXIBLE PLENUM CABLE

Unshielded

DESCRIPTION:
Stranded bare copper, insulated, conductors twisted, white jacket

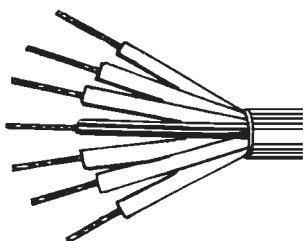
COLOR CODE:
See Chart 1

*See Chart 3

VOLTAGE RATING:

300 Volts

14 and 12 AWG not CMP



OLYMPIC NO.	NO. OF COND.	CONDUCTOR AWG	CONDUCTOR STRAND	NOM. O.D.
* 2002T	2	22	7/30	.115"
2003T	3	22	7/30	.125"
2004T	4	22	7/30	.130"
2006T	6	22	7/30	.155"
2008T	8	22	7/30	.170"
2010T	10	22	7/30	.200"
2012T	12	22	7/30	.205"
2781T	2	20	7/28	.130"
2103T	3	20	7/28	.140"
2104T	4	20	7/28	.155"
3752-725	2	18	Solid	.135"
3754-725	4	18	Solid	.183"
3756-725	6	18	Solid	.190"
3759-725	8	18	Solid	.205"
3761-725	10	18	Solid	.240"
2202T	2	18	7/strd	.150"
2203T	3	18	7/strd	.160"
2204T	4	18	7/strd	.170"
2206T	6	18	7/strd	.210"
2208T	8	18	7/strd	.230"
2210T	10	18	7/strd	.270"
2212T	12	18	7/strd	.300"
3758-725	2	16	Solid	.160"
2302T	2	16	19/strd	.180"
2304T	4	16	19/strd	.215"
2342T	2	14	19/strd	.220"
2343T	3	14	19/strd	.234"
2344T	4	14	19/strd	.260"
2362T	2	12	19/strd	.255"



REMOTE CONTROL, SIGNALING & POWER LIMITED CIRCUITS

EXTRA FLEXIBLE PLENUM CABLE

UL CMP/CL3P/FPLP

Shielded

DESCRIPTION:

Stranded bare copper, insulated, conductors twisted, aluminum mylar shield, stranded tinned copper drain wire, white jacket

COLOR CODE:

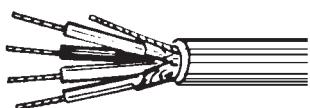
See Chart 1

† Purple Jacket, Tinned Copper

VOLTAGE RATING:

300 Volts

14 and 12 AWG not CMP



OLYMPIC NO.	NO. OF COND.	AWG	CONDUCTOR STRAND	NOM. O.D.	NOM. PF/* FT.	CAPACITANCE PF/** FT.
2877T	2	22	7/30	.115"	35	67
2880T	3	22	7/30	.135"	35	67
2882T	4	22	7/30	.146"	35	67
2882/6T	6	22	7/30	.160"	35	67
2882/8T	8	22	7/30	.170"	35	67
2881T	2	20	7/28	.135"	45	85
2884T	3	20	7/28	.145"	45	85
2887T	4	20	7/28	.160"	45	85
† 2886LT	2	18	16/30	.178"	24.4	56
2886T	2	18	7/strd	.150"	60	115
2888T	3	18	7/strd	.160"	60	115
2890T	4	18	7/strd	.175"	60	115
2890/6T	6	18	7/strd	.210"	45	85
2890/8T	8	18	7/strd	.230"	45	85
2890/10T	10	18	7/strd	.270"	45	85
2891T	2	16	19/strd	.185"	58	105
2892/4T	4	16	19/strd	.220"	41	75
2893T	2	14	19/strd	.225"	70	135
2894T	2	12	19/strd	.260"	70	135

* Capacitance between conductors

** Capacitance between 1 conductor and other conductor connected to shield

RoHS Compliant

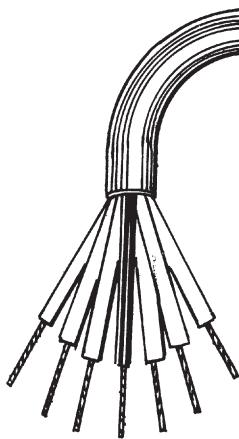


MULTI-CONDUCTOR CABLE

JACKETED/UNSHIELDED

UL CM/CL2, CE COMPLIANT

UNSHIELDED AUDIO CABLE SUNLIGHT RESISTANT



OLYMPIC NO.	UL STYLE NUMBER	NO. COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE
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2002		2	22	7/30	.010"	.032"	.164"		300
† 2003		3	22	7/30	.010"	.032"	.169"		300
2004		4	22	7/30	.010"	.035"	.195"		300
2005		5	22	7/30	.010"	.032"	.199"		300
2006		6	22	7/30	.010"	.032"	.209"		300
2007		7	22	7/30	.010"	.032"	.214"		300
2008	RU 2464 (300V)	8	22	7/30	.010"	.032"	.224"		300
† 2009		9	22	7/30	.010"	.032"	.249"		300
2010		10	22	7/30	.010"	.032"	.259"		300
2012		12	22	7/30	.010"	.032"	.279"		300
2015		15	22	7/30	.010"	.032"	.304"		300
2020		20	22	7/30	.010"	.032"	.324"		300
2025		25	22	7/30	.010"	.032"	.364"		300
2030		30	22	7/30	.010"	.032"	.379"		300
2040		40	22	7/30	.010"	.032"	.439"		300
2050		50	22	7/30	.010"	.032"	.500"		300
† 2060		60	22	7/30	.010"	.032"	.530"		

See Color Code Chart #8

DESCRIPTION:
Stranded tinned copper, color coded PVC insulation, conductors twisted, gray PVC jacket overall.

APPLICATIONS:
Unbalanced intercom systems. Low voltage relay control cable. Electronic computer cable. Interconnecting cables. PA systems. Remote control circuits. Telephones & telemetering connecting cable.

TEMPERATURE RATING:
-20°C TO +105°C

2781	2464 (300V)	2	20	7/28	.013"	.025"	.180"	Black Red	300
† 2103	2509 (300V)	3	20	7/28	.016"	.020"	.190"	Chart 1	300
† 2104	2464 (300V)	4	20	7/28	.013"	.032"	.217"	Chart 1	300
† 2105	2464 (300V)	5	20	7/28	.013"	.032"	.239"	Chart 1	300
2106	2509 (300V)	6	20	7/28	.016"	.025"	.255"	Chart 8	300
† 2107	2464 (300V)	7	20	7/28	.013"	.032"	.260"	Chart 1	300
† 2108	2509 (300V)	8	20	7/28	.016"	.020"	.270"	Chart 8	300
2109		9	20	7/28	.013"	.035"	.317"	Chart 1	300
† 2110	RU 2464 (300V)	10	20	7/28	.016"	.032"	.350"	Chart 8	300
2112		12	20	7/28	.013"	.035"	.338"	Chart 1	300
2115		15	20	7/28	.013"	.040"	.389"	Chart 2	300

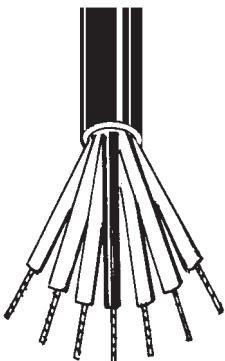
† Not CE Compliant, 80°C



MULTI-CONDUCTOR CABLE

UNSHIELDED RUBBER/PVC

UNSHIELDED CABLE-RUBBER CONTROL

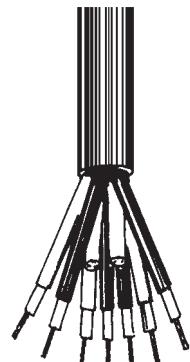


DESCRIPTION:
Stranded tinned copper, color-coded rubber insulation twisted with fillers where necessary, mylar wrapped, black rubber jacket overall

TEMPERATURE RATING:
-20°C TO +60°C

OLYMPIC NO.	NO. COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE
3520	2	20	26/34	.020"	.035"	.230"	See Pg. 63 at bottom	600
3521	3	20	26/34	.020"	.035"	.240"	See Pg. 63 at bottom	600
3522	4	20	26/34	.020"	.035"	.260"	See Pg. 63 at bottom	600
3523	5	20	26/34	.020"	.035"	.285"	See Pg. 63 at bottom	600
3524	6	20	26/34	.020"	.035"	.310"	See Pg. 63 at bottom	600
3525	7	20	26/34	.020"	.035"	.310"	See Pg. 63 at bottom	600
3526	8	20	26/34	.020"	.035"	.330"	See Pg. 63 at bottom	600
3527	10	20	26/34	.020"	.035"	.370"	See Pg. 63 at bottom	600
3528	12	20	26/34	.020"	.035"	.390"	See Pg. 63 at bottom	600
3529	15	20	26/34	.020"	.035"	.430"	See Pg. 63 at bottom	600
3530	20	20	26/34	.020"	.035"	.480"	See Pg. 63 at bottom	600

UNSHIELDED AUDIO CABLE-PVC CONTROL, CE Compliant & UV Resistant UL CM



DESCRIPTION:
Stranded tinned copper, PVC insulated, conductors twisted, chrome PVC jacket

Passes the VW-1 Vertical Flame Test

OLYMPIC NO.	UL STYLE NO.	NO. COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE	TEMP. RATING
* 2202	2464 (300v)	2	18	16/30	.014"	.032"	.210"	Cht. 8	300	80°C
2203	2509 (300v)	3	18	16/30	.016"	.020"	.210"	Cht. 8	300	80°C
2204	2598 (300v)	4	18	16/30	.017"	.032"	.254"	Cht. 1	300	60°C
2205	2464 (300v)	5	18	16/30	.017"	.033"	.286"	Cht. 1	300	75°C
2206	2509 (300v)	6	18	16/30	.017"	.028"	.290"	Cht. 8	300	80°C
2207	2464 (300v)	7	18	16/30	.017"	.037"	.324"	Cht. 1	300	105°C
2208	2509 (300v)	8	18	16/30	.017"	.025"	.315"	Cht. 8	300	80°C
† 2209	2598	9	18	16/30	.017"	.037"	.379"	Cht. 1	300	105°C
2210	2509	10	18	16/30	.017"	.025"	.370"	Cht. 8	300	80°C
2212	RJ 2598 (300v)	12	18	16/30	.017"	.040"	.412"	Cht. 2	300	60°C
2215	RJ 2598 (300v)	15	18	16/30	.017"	.045"	.505"	Cht. 2	300	60°C
2219		19	18	16/30	.017"	.045"	.530"	Cht. 2	300	60°C
2225		25	18	16/30	.017"	.060"	.600"	Cht. 2	300	60°C

† Not CE Compliant or UV Resistant

* Sunlight Resistant

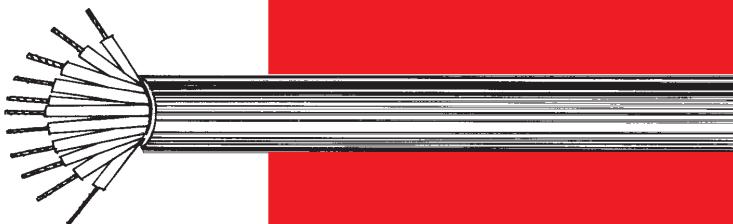


MULTI-CONDUCTOR CABLE

UNSHIELDED

UL CM/CL2/CL3

UNSHIELDED AUDIO CABLE-PVC CONTROL



OLYMPIC NO.	NEC & UL STYLE NUMBER	NO. COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	COLOR CODE	SUGG. WORK. VOLTAGE
† 2302	CM 2598	2	16	19/29	.023"	.030"	.256"	Blk, Wht	600
† 2303	CL2	3	16	26/30	.016"	.020"	.245"		300
2304		4	16	19/29	.030"	.045"	.375"		600
* 2305		5	16	19/29	.030"	.045"	.405"		600
2307	CL3 2509 (300v)	7	16	19/29	.030"	.045"	.455"		600
2309		9	16	19/29	.030"	.045"	.520"		600
† 2312		12	16	19/29	.030"	.060"	.610"		600
† 2315	2501 105°C	15	16	19/29	.030"	.060"	.670"		600
* 2319		19	16	19/29	.030"	.065"	.730"		600
2325	2509	25	16	19/29	.030"	.065"	.850"		600
2342		2	14	19/27	.031"	.035"	.332"		600
2343		3	14	41/30	.020"	.020"	.280"		350
† 2344		4	14	19/27	.031"	.035"	.389"		600
2345		5	14	19/27	.045"	.060"	.545"		600
2347		7	14	19/27	.045"	.060"	.615"		600
2349	CL3 2587 (300v)	9	14	19/27	.045"	.065"	.704"		600
2352		12	14	19/27	.045"	.065"	.800"		600
2355		15	14	19/27	.045"	.080"	.905"		600
2362		2	12	65/30	.031"	.035"	.384"		600
2363		3	12	65/30	.020"	.020"	.320"		350

See Chart #2

DESCRIPTION:
Stranded tinned copper,
PVC insulated,
conductors twisted,
chrome PVC jacket

TEMPERATURE RATING:
-20°C TO +80°C



† CE Compliant, Sunlight Resistant

* Sunlight Resistant

Passes the VW-1 vertical flame test

RoHS Compliant

33



CONTINUOUS FLEX CONTROL CABLE

UNSHIELDED PVC

AWM STYLE 2587 90C 600V, CSA AWM I/II A/B 90C 600V FT1 FT2 CE

CONSTRUCTION:

CONDUCTOR:	Stranded Bare Copper
INSULATION:	PVC
COLOR CODE:	Red Conductors with Consecutive Numbers, Green/Yellow, Wire from 3 Conductors
JACKET:	PVC
JACKET COLOR:	Black

TECHNICAL DATA:

NOMINAL VOLTAGE:	DIN VDE 300/500V • UL/CSA 600V
TEMPERATURE RANGE:	DIN VDE • UL/CSA: up to +90°C
STATIC:	-40/+70°C
FLEXING:	+5/+70°C
MIN. BENDING RADIUS:	7.5 x O.D. continuous flexing
FLAME TEST:	UL VW1, CSA FT1 & FT2
OIL RESISTANCE:	Very Good

20 AWG (28/34)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
42002CF	2	.217
42003CF	3	.228
42004CF	4	.248
42005CF	5	.276
42007CF	7	.323
42012CF	12	.398
42018CF	18	.472
42025CF	25	.567
42034CF	34	.638
42050CF	50	.752
42061CF	61	.831

18 AWG (56/34)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41802CF	2	.244
41803CF	3	.256
41804CF	4	.283
41805CF	5	.311
41807CF	7	.370
41812CF	12	.453
41818CF	18	.539
41825CF	25	.650
41834CF	34	.736
41850CF	50	.886
41861CF	61	.965

16 AWG (84/34)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41602CF	2	.268
41603CF	3	.287
41604CF	4	.315
41605CF	5	.346
41607CF	7	.417
41612CF	12	.512
41618CF	18	.606
41625CF	25	.736
41634CF	34	.831
41650CF	50	.988
41661CF	61	1.087



CONTINUOUS FLEX CONTROL CABLE

UNSHIELDED PVC

AWM STYLE 2587 90C 600V, CSA AWM I/II A/B 90C 600V FT1 FT2 CE

CONSTRUCTION:

CONDUCTOR: Stranded Bare Copper
INSULATION: PVC
COLOR CODE: Red Conductors with Consecutive Numbers, Green/Yellow, Wire from 3 Conductors
JACKET: PVC
JACKET COLOR: Black

TECHNICAL DATA:

NOMINAL VOLTAGE: DIN VDE 300/500V • UL/CSA 600V
TEMPERATURE RANGE: DIN VDE • UL/CSA: up to +90°C
STATIC: -40/+70°C
FLEXING: +5/+70°C
MIN. BENDING RADIUS: 7.5 x O.D. continuous flexing
FLAME TEST: UL VW1, CSA FT1 & FT2
OIL RESISTANCE: Very Good

14 AWG (140/34)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41402CF	2	.350
41403CF	3	.374
41404CF	4	.409
41405CF	5	.457
41407CF	7	.551
41412CF	12	.681
41418CF	18	.815
41425CF	25	.988

12 AWG (224/34)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41203CF	3	.445
41204CF	4	.488
41205CF	5	.543
41207CF	7	.657

10 AWG (186/32)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41003CF	3	.516
41004CF	4	.571
41005CF	5	.638
41007CF	7	.764

8 AWG (320/32)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
40803CF	3	.638
40804CF	4	.709
40805CF	5	.791

6 AWG (504/32)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
40603CF	3	.764
40604CF	4	.846
40605CF	5	.949

4 AWG (760/32)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
40404CF	4	1.024
40405CF	5	1.142

2 AWG (1083/32)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
40204CF	4	1.173



FLEXIBLE CONTROL CABLE

UNSHIELDED PVC

AWM STYLE 21216 90C 600V, CSA AWM I/II A/B 90C 600V FT2 CE VDE

CONSTRUCTION:

CONDUCTOR:	Stranded Bare Copper
INSULATION:	PVC
COLOR CODE:	Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors
JACKET:	PVC
JACKET COLOR:	Grey

TECHNICAL DATA:

NOMINAL VOLTAGE:	VDE 300/500V • UL/CSA 600V
TEMPERATURE RANGE:	DIN VDE • UL/CSA: +90°C -40/+70°C
STATIC:	+5/+70°C
FLEXING:	+5/+70°C
FLAME TEST:	UL VW1, CSA FT1 & FT2
OIL RESISTANCE:	Very Good

20 AWG (17/32)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
42002	2	.209
42003	3	.221
42004	4	.235
42005	5	.265
42007	7	.282
42008	8	.334
42009	9	.363
42010	10	.371
42012	12	.383
42014	14	.399
42016	16	.430
42018	18	.450
42025	25	.548
42030	30	.564
42034	34	.615
42040	40	.666
42041	41	.667
42061	61	.781



FLEXIBLE CONTROL CABLE

UNSHIELDED PVC

AWM STYLE 21216 90C 600V, CSA AWM I/II A/B 90C 600V FT2 CE VDE

18 AWG (30/32)

CONSTRUCTION:

CONDUCTOR:	Stranded Bare Copper
INSULATION:	PVC
COLOR CODE:	Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors
JACKET:	PVC
JACKET COLOR:	Grey

TECHNICAL DATA:

NOMINAL VOLTAGE:	VDE 300/500V • UL/CSA 600V
TEMPERATURE RANGE:	DIN VDE • UL/CSA: +90°C
STATIC:	-40/+70°C
FLEXING:	+5/+70°C
FLAME TEST:	UL VW1, CSA FT1 & FT2
OIL RESISTANCE:	Very Good

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41802	2	.237
41803	3	.253
41804	4	.277
41805	5	.308
41807	7	.336
41808	8	.391
41809	9	.426
41810	10	.434
41812	12	.446
41814	14	.477
41815	15	.501
41818	18	.536
41825	25	.647
41830	30	.670
41834	34	.729
41840	40	.784
41841	41	.785
41850	50	.883
41861	61	.934

16 AWG (27/30)

CONSTRUCTION:

CONDUCTOR:	Stranded Bare Copper
INSULATION:	PVC
COLOR CODE:	Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors
JACKET:	PVC
JACKET COLOR:	Grey

TECHNICAL DATA:

NOMINAL VOLTAGE:	VDE 300/500V • UL/CSA 600V
TEMPERATURE RANGE:	DIN VDE • UL/CSA: +90°C
STATIC:	-40/+70°C
FLEXING:	+5/+70°C
FLAME TEST:	UL VW1, CSA FT1 & FT2
OIL RESISTANCE:	Very Good

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41602	2	.265
41603	3	.281
41604	4	.312
41605	5	.340
41607	7	.379
41608	8	.442
41609	9	.481
41610	10	.489
41612	12	.505
41614	14	.536
41615	15	.564
41616	16	.565
41618	18	.603
41625	25	.729



FLEXIBLE CONTROL CABLE

UNSHIELDED PVC

AWM STYLE 21216 90C 600V, CSA AWM I/II A/B 90C 600V FT2 CE VDE

CONSTRUCTION:

CONDUCTOR: Stranded Bare Copper
INSULATION: PVC
COLOR CODE: Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors
JACKET: PVC
JACKET COLOR: Grey

16 AWG (30/32)

continued

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41630	30	.761
41634	34	.828
41640	40	.901
41641	41	.903
41650	50	.981
41661	61	1.052

14 AWG (46/30)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41402	2	.320
41403	3	.340
41404	4	.375
41405	5	.418
41407	7	.458
41408	8	.544
41409	9	.588
41410	10	.599
41412	12	.619
41418	18	.737
41425	25	.910

CONSTRUCTION:

CONDUCTOR: Stranded Bare Copper
INSULATION: PVC
COLOR CODE: Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors
JACKET: PVC
JACKET COLOR: Grey

12 AWG (52/28)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41203	3	.403
41204	4	.446
41205	5	.497
41207	7	.548

CONSTRUCTION:

CONDUCTOR: Stranded Bare Copper
INSULATION: PVC
COLOR CODE: Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors
JACKET: PVC
JACKET COLOR: Grey

10 AWG (78/28)

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
41003	3	.477
41004	4	.521
41005	5	.588

TECHNICAL DATA:

NOMINAL VOLTAGE: VDE 300/500V • UL/CSA 600V
TEMPERATURE RANGE: DIN VDE • UL/CSA: +90°C
STATIC: -40/+70°C
FLEXING: +5/+70°C
FLAME TEST: UL VW1, CSA FT1 & FT2
OIL RESISTANCE: Very Good



FLEXIBLE SHIELDED CONTROL CABLE

AWM STYLE 21216 90C 600V, CSA AWM I/II A/B 90C 600V FT2 CE VDE

20 AWG (17/32)

CONSTRUCTION:

CONDUCTOR: Stranded Bare Copper
INSULATION: PVC
COLOR CODE: Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors
INNER JACKET: PVC
SHIELD: Tinned Copper Braid
JACKET: PVC
JACKET COLOR: Grey

TECHNICAL DATA:

NOMINAL VOLTAGE: VDE 300/500V • UL/CSA 600V
TEMPERATURE RANGE: UL/CSA: +90°C
FLAME TEST: UL VW-1, CSA FT1 & FT2
OIL RESISTANCE: Very Good

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
592002	2	.296
592003	3	.320
592004	4	.336
592007	7	.387
592009	9	.466
592012	12	.477
592025	25	.656

18 AWG (30/32)

CONSTRUCTION:

CONDUCTOR: Stranded Bare Copper
INSULATION: PVC
COLOR CODE: Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors
INNER JACKET: PVC
SHIELD: Tinned Copper Braid
JACKET: PVC
JACKET COLOR: Grey

TECHNICAL DATA:

NOMINAL VOLTAGE: VDE 300/500V • UL/CSA 600V
TEMPERATURE RANGE: UL/CSA: +90°C
FLAME TEST: UL VW-1, CSA FT1 & FT2
OIL RESISTANCE: Very Good

OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
591802	2	.332
591803	3	.344
591804	4	.367
591805	5	.403
591807	7	.430
591809	9	.536
591812	12	.540
591818	18	.635
591825	25	.753



FLEXIBLE SHIELDED CONTROL CABLE

AWM STYLE 21216 90C 600V, CSA AWM I/II A/B 90C 600V FT2 CE VDE

CONSTRUCTION:		16 AWG (27/30)	OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
CONDUCTOR:	Stranded Bare Copper				
INSULATION:	PVC		591602	2	.351
COLOR CODE:	Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors		591603	3	.383
			591604	4	.407
INNER JACKET:	PVC		591605	5	.434
SHIELD:	Tinned Copper Braid		591607	7	.473
JACKET:	PVC		591609	9	.552
JACKET COLOR:	Grey		591612	12	.607
TECHNICAL DATA:			591618	18	.714
NOMINAL VOLTAGE:	VDE 300/500V • UL/CSA 600V		591625	25	.851
TEMPERATURE RANGE:	UL/CSA: +90°C				
FLAME TEST:	UL VW-1, CSA FT1 & FT2				
OIL RESISTANCE:	Very Good				
CONSTRUCTION:		14 AWG (46/30)	OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
CONDUCTOR:	Stranded Bare Copper				
INSULATION:	PVC		591403	3	.442
COLOR CODE:	Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors		591404	4	.466
			591405	5	.513
INNER JACKET:	PVC		591407	7	.568
SHIELD:	Tinned Copper Braid		591409	9	.710
JACKET:	PVC		591412	12	.745
JACKET COLOR:	Grey		591418	18	.875
TECHNICAL DATA:			591425	25	1.029
NOMINAL VOLTAGE:	VDE 300/500V • UL/CSA 600V				
TEMPERATURE RANGE:	UL/CSA: +90°C				
FLAME TEST:	UL VW-1, CSA FT1 & FT2				
OIL RESISTANCE:	Very Good				
CONSTRUCTION:		12 AWG (52/28)	OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
CONDUCTOR:	Stranded Bare Copper				
INSULATION:	PVC				
COLOR CODE:	Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors				
			591203	3	.513
INNER JACKET:	PVC		591204	4	.556
SHIELD:	Tinned Copper Braid		591205	5	.607
JACKET:	PVC		591207	7	.666
JACKET COLOR:	Grey				
TECHNICAL DATA:					
NOMINAL VOLTAGE:	VDE 300/500V • UL/CSA 600V				
TEMPERATURE RANGE:	UL/CSA: +90°C				
FLAME TEST:	UL VW-1, CSA FT1 & FT2				
OIL RESISTANCE:	Very Good				
CONSTRUCTION:		10 AWG (78/28)	OLYMPIC PN	NO. OF CONDUCTORS	NOM. O.D. INCH
CONDUCTOR:	Stranded Bare Copper				
INSULATION:	PVC				
COLOR CODE:	Black Conductors with Consecutive Numbers, Green/Yellow, Ground Wire from 3 Conductors				
			591003	3	.588
INNER JACKET:	PVC		591004	4	.631
SHIELD:	Tinned Copper Braid		591005	5	.706
JACKET:	PVC				
JACKET COLOR:	Grey				
TECHNICAL DATA:					
NOMINAL VOLTAGE:	VDE 300/500V • UL/CSA 600V				
TEMPERATURE RANGE:	UL/CSA: +90°C				
FLAME TEST:	UL VW-1, CSA FT1 & FT2				
OIL RESISTANCE:	Very Good				



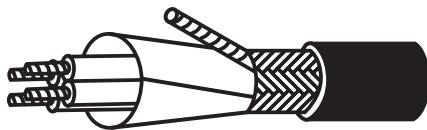
VFD & MOTOR SUPPLY CABLE

FOIL AND BRAID SHIELDED

UL TC-ER, WTTC, CSA, CE, Direct Burial, Sunlight Resistant

DESCRIPTION:

Tinned copper,
PVC/Nylon insulated,
Foil and Tinned Copper
Braid Shielded,
Black PVC Jacket.

**COLOR CODE:**

Black with White Numbers
& One Green/Yellow

APPROVALS:

UL TC-ER, UL21179, MTW
Flexible VFD Servo
WTTC
NEC: Class 1, Div. 2
C(UL) TC
CSA CIC FT4
UL 1277
Oil Res II

TEMPERATURE:

-40°C + 90°C

VOLTAGE:

600 UL TC
1000 Flexible VFD Servo
1000 WTTC

OLYMPIC NO.	NUMBER OF COND.	CONDUCTOR		NOM. O.D. (inch)	CAPACITANCE PF/FT
		AWG	STRAND		
164V	4	16	26	.382	18.6
144V	4	14	41	.417	21.6
124V	4	12	65	.472	22.9
104V	4	10	105	.602	21.6
84V	4	8	168	.764	24.6
64V	4	6	266	.941	29
44V	4	4	413	1.118	32
24V	4	2	665	1.287	35.6

DESCRIPTION:

Tinned copper,
XLPE insulated,
Foil and Tinned Copper
Braid Shielded,
Black PVC Jacket.

COLOR CODE:

Black with White Numbers
& One Green/Yellow

APPROVALS:

UL TC-ER
Flexible VFD Servo
WTTC
NEC: Class 1, Div. 2
C(UL) TC
CIC FT4
UL 1277
Oil Res II

TEMPERATURE:

-40°C + 90°C

VOLTAGE:

600 UL TC
1000 Flexible VFD Servo
1000 WTTC

OLYMPIC NO.	NUMBER OF COND.	CONDUCTOR		NOM. O.D. (inch)
		AWG	STRAND	
164X	4	16	26	.477
144X	4	14	41	.522
124X	4	12	65	.592
104X	4	10	105	.680
84X	4	8	168	.886
64X	4	6	266	.952
44X	4	4	413	1.090
24X	4	2	665	1.247

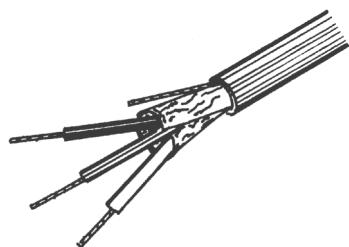


HIGH TEMPERATURE PLENUM CONTROL CABLE

HIGH TEMPERATURE PLENUM CONTROL CABLE

200°C

UL NEC: CMP, CL2P, Gasoline, Oil & Sunlight Resistant

**DESCRIPTION:**

Tinned copper,
FEP insulated, twisted, FEP Jacket.

COLOR CODE:

Black, Red, White, Green.

***COLOR CODE:**

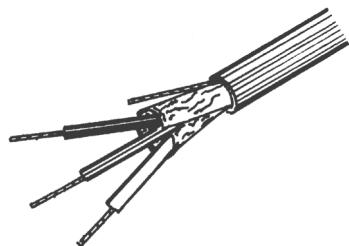
Black, White.

OLYMPIC NO.	NUMBER OF COND.	CONDUCTOR		INSUL. THICK. (inch)	JACKET COLOR	NOM. O.D. (inch)	VOLTAGE
		AWG	STRAND				
2202TF	2	18	7	.006	clear	.140	300
2302TF*	2	16	19	.006	white	.150	300
2304TF	4	16	19	.006	white	.177	300

HIGH TEMPERATURE SHIELDED PLENUM CONTROL CABLE

200°C

UL NEC: CMP, CL2P, FPLP, NFPA262, FT6, C(U)L
Gasoline, Oil & Sunlight Resistant

**DESCRIPTION:**

Tinned copper,
FEP insulated, twisted,
Aluminum-Mylar Shield,
FEP Jacket.

COLOR CODE:

Black, Red, White, Green

OLYMPIC NO.	NUMBER OF COND.	CONDUCTOR		INSUL. THICK. (inch)	JACKET COLOR	NOM. O.D. (inch)	VOLTAGE
		AWG	STRAND				
2877TF	2	22	7	.006	red	.108	300
2886TF	2	18	19	.007	grey	.142	300
2888TF	3	18	19	.007	grey	.159	300
2890TF	4	18	19	.007	red	.174	300

* Capacitance between conductors.

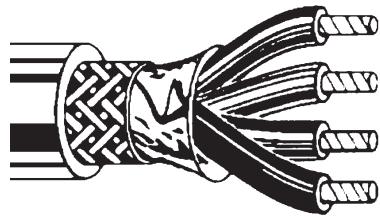
** Capacitance between one conductor and other conductors connected to shield.



HIGH TEMPERATURE SHIELDED PLENUM CONTROL CABLE

UL CMP 200°C Gasoline, Oil and Sunlight Resistant

Multi-Conductor Overall Foil and Braid Shield / Control and Instrumentation



DESCRIPTION:

Tinned copper conductors, FEP insulated, conductors cabled. Aluminum-polyester shield with 85% tinned copper braid shield. FEP jacket. Red.

Listed for use in an air plenum non-conduit.

COLOR CODE: Chart 2

OLYMPIC NO.	NUMBER OF COND.	AWG	CONDUCTOR STRAND	INSUL. THICK. (inch)	JACKET. THICK. (inch)	NOM. O.D. (inch)	NOM. CAPACITANCE * pF/ft.	NOM. CAPACITANCE ** pF/ft.
43503	3	24	7	.006	.015	.137	20	36
43504	4	24	7	.006	.015	.146	20	36
43506	6	24	7	.006	.015	.167	20	36
43509	9	24	7	.006	.015	.190	20	36
43512	12	24	7	.006	.015	.209	20	36
43515	15	24	7	.006	.015	.229	20	36

OLYMPIC NO.	NUMBER OF COND.	AWG	CONDUCTOR STRAND	INSUL. THICK. (inch)	JACKET. THICK. (inch)	NOM. O.D. (inch)	NOM. CAPACITANCE * pF/ft.	NOM. CAPACITANCE ** pF/ft.
43552	2	22	7	.006	.015	.143	23	40
43553	3	22	7	.006	.015	.150	23	40
43554	4	22	7	.006	.015	.161	23	40
43556	6	22	7	.006	.015	.185	23	40
43559	9	22	7	.006	.015	.211	23	40
43562	12	22	7	.006	.015	.234	23	40
43569	19	22	7	.006	.015	.269	23	40

OLYMPIC NO.	NUMBER OF COND.	AWG	CONDUCTOR STRAND	INSUL. THICK. (inch)	JACKET. THICK. (inch)	NOM. O.D. (inch)	NOM. CAPACITANCE * pF/ft.	NOM. CAPACITANCE ** pF/ft.
43602	2	20	7	.006	.015	.159	26	51
43604	4	20	7	.006	.015	.180	26	51
43606	6	20	7	.006	.015	.209	26	51
43609	9	20	7	.006	.015	.240	26	51
43612	12	20	7	.006	.015	.267	26	51

OLYMPIC NO.	NUMBER OF COND.	AWG	CONDUCTOR STRAND	INSUL. THICK. (inch)	JACKET. THICK. (inch)	NOM. O.D. (inch)	NOM. CAPACITANCE * pF/ft.	NOM. CAPACITANCE ** pF/ft.
43652	2	18	19	.007	.015	.182	33	60
43653	3	18	19	.007	.015	.191	33	60
43654	4	18	19	.007	.015	.207	33	60
43656	6	18	19	.007	.015	.243	33	60
43659	9	18	19	.007	.015	.281	33	60
43662	12	18	19	.007	.015	.313	33	60

OLYMPIC NO.	NUMBER OF COND.	AWG	CONDUCTOR STRAND	INSUL. THICK. (inch)	JACKET. THICK. (inch)	NOM. O.D. (inch)	NOM. CAPACITANCE * pF/ft.	NOM. CAPACITANCE ** pF/ft.
43702	2	16	19	.007	.015	.200	35	63
43703	3	16	19	.007	.015	.211	35	63
43704	4	16	19	.007	.015	.228	35	63
43706	6	16	19	.007	.015	.270	35	63
43709	9	16	19	.007	.015	.313	35	63
43712	12	16	19	.007	.015	.350	35	63
43715	15	16	19	.007	.015	.389	35	63
43719	19	16	19	.007	.015	.410	35	63

* Capacitance between conductors.

** Capacitance between one conductor and other conductors connected to shield.

RoHS Compliant



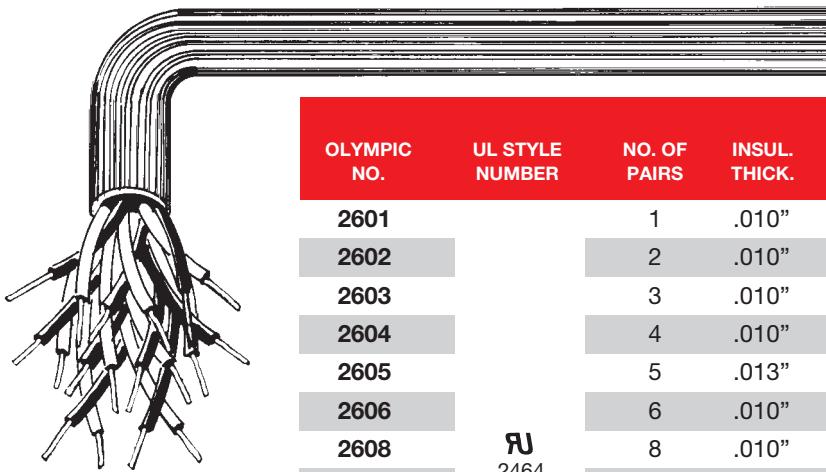
MULTI-CONDUCTOR CABLE

PAIRED/UNSHIELDED CABLE

UL CM

SOUND & CONTROL CABLES

22 Gage, Solid Conductors



DESCRIPTION:
Solid tinned copper,
PVC insulated,
twisted pairs,
chrome PVC jacket

TEMPERATURE RATING:

-20°C to +80°C

COLOR CODE:

See Chart 3

OLYMPIC NO.	UL STYLE NUMBER	NO. OF PAIRS	INSUL. THICK.	JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLTAGE
2601		1	.010"	.032"	.156"	300
2602		2	.010"	.032"	.230"	300
2603		3	.010"	.032"	.244"	300
2604		4	.010"	.032"	.259"	300
2605		5	.013"	.040"	.307"	300
2606		6	.010"	.035"	.305"	200
2608		8	.010"	.040"	.346"	300
2609	2464 (300v)	9	.010"	.037"	.354"	200
2611		11	.010"	.037"	.369"	200
2613		13	.010"	.037"	.394"	200
2615		15	.010"	.040"	.405"	200
2619		19	.010"	.040"	.460"	200
2623		23	.010"	.040"	.495"	200
2627		27	.010"	.045"	.535"	200



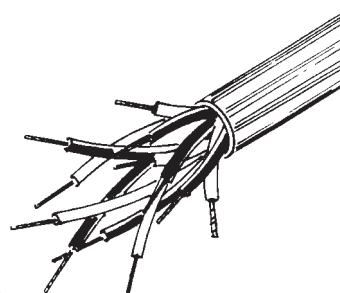
DESCRIPTION:
Stranded tinned copper,
PVC insulated,
twisted pairs,
chrome PVC jacket

TEMPERATURE RATING:

-20°C to +80°C

COLOR CODE:

See Chart 3



OLYMPIC NO.	UL STYLE NUMBER	NO. OF PAIRS	INSUL. THICK.	JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLTAGE
2702		2	.010"	.032"	.244"	400
2703		3	.010"	.032"	.257"	400
2704		4	.010"	.032"	.281"	400
2706		6	.010"	.035"	.320"	200
2709		9	.010"	.037"	.389"	200
2712	2576 (150v)	12	.010"	.040"	.425"	200
2715		15	.010"	.040"	.440"	200
2719		19	.010"	.040"	.505"	200
2723		23	.010"	.045"	.555"	200
2727	2464 CL2 (300v)	27	.010"	.045"	.580"	200

Passes the VW-1 vertical flame test



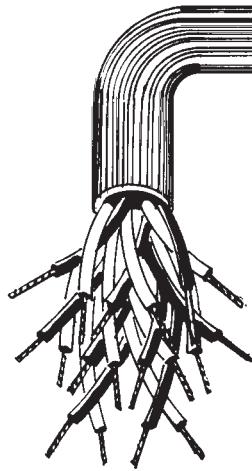
MULTI-CONDUCTOR CABLE

PAIRED/UNSHIELDED CABLE

SOUND & CONTROL CABLES

UL CMG

20 Gage, Stranded Conductor (7x28)



OLYMPIC NO.	UL STYLE NUMBER	NO. OF PAIRS	INSUL. THICK.	JACKET THICK.	NOM. O.D.	COLOR CODE
2781		1	.013"	.025"	.180"	Blk, Red
2783	RU	3	.013"	.035"	.299"	
2786	2464 (300v)	6	.013"	.035"	.366"	See Chart #3
2789		9	.013"	.035"	.429"	
2795		15	.013"	.040"	.545"	

18 Gage, Stranded Conductors (7x26) CE Compliant, Sunlight Resistant

2801	UL 2095	1	.020"	.028"	.234"	Blk, Wht
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18 Gage, Stranded Conductors (16x30)

* 2202		1	.014"	.032"	.210"	Blk, Red
2802		2	.014"	.032"	.327"	
2803		3	.014"	.032"	.347"	
2804		4	.014"	.032"	.381"	
2805	RU	5	.014"	.032"	.391"	
2806	2464 (300v)	6	.014"	.032"	.433"	See Chart #3
2808		8	.014"	.037"	.470"	
2809		9	.014"	.040"	.524"	
2812		12	.014"	.046"	.600"	
2815		15	.014"	.051"	.677"	
2819		19	.014"	.055"	.721"	

DESCRIPTION:
Stranded tinned copper,
PVC insulated, chrome PVC jacket

TEMPERATURE RATING:
-20°C to +80°C

*Pressure Extruded Jacket

16 Gage, Stranded Conductors (19x29), CE Compliant, Sunlight Resistant

2302	RU 2598 (300v)	1	.023"	.032"	.274"	Blk, Wht
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14 Gage, Stranded Conductors (19x27)

UL CL3

2342	2587 (600v)	1	.031"	.032"	.340"	Blk, Wht
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12 Gage, Stranded Conductors (65x30)

UL CL3

2362	2587 (600v)	1	.031"	.035"	.384"	Blk, Wht
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Passes the VW-1 vertical flame test

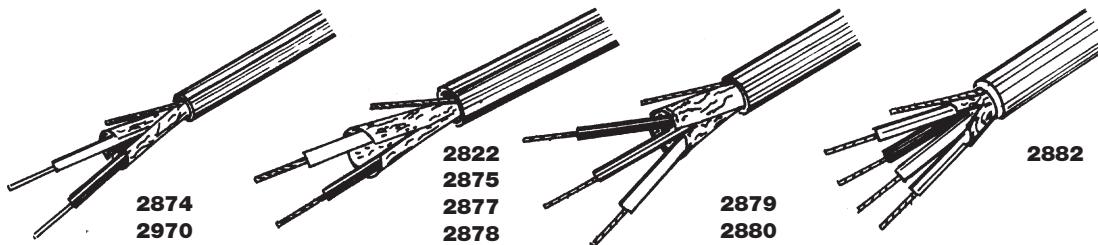
RoHS Compliant



MULTI-CONDUCTOR CABLE

MYLAR FOIL SHIELDED

SOUND/BROADCAST AUDIO & INSTRUMENTATION CABLES



UL CL2 or CM

OLYMPIC NO.	UL STYLE NUMBER	NO. OF COND.	INSUL. THICK.	JACKET THICK.	NOM. O.D.	COLOR CODE
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DESCRIPTION:

24 Gage, Stranded Conductors (7x32)

Tinned copper, polyethylene insulated, twisted pair, aluminum mylar shield, 24 AWG stranded tinned copper drain wire, chrome PVC jacket, sunlight resistant, CE compliant.

2822	RU 2092 (300v)	2	.015"	.025"	.168"	Blk., Clear
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22 Gage, Solid Conductors

Tinned copper, polypropylene insulated, twisted pair, solid tinned copper drain wire, aluminum mylar shield, black or gray PVC jacket.

Temperature Rating: -55°C to +105°C

2874	200V	2	.006"	.018"	.118"	Blk., Red
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† CE Compliant, Sunlight Resistant

22 Gage, Stranded Conductors (7x30)

Tinned copper, PVC insulated, twisted pair, aluminum mylar shield, stranded tinned copper drain wire, chrome PVC jacket.

Temperature Rating: -20°C to +80°C

† 2970	RU 2464 (300v)	2	.013"	.032"	.178"	Blk., Red
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Tinned copper, polypropylene insulated, twisted pair, 24 AWG stranded tinned copper drain wire, aluminum mylar shield, black or gray PVC jacket.

Temperature Rating: -20°C to +60°C

† 2875	UL CM (300v)	2	.008"	.020"	.135"	Blk., Red
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Tinned copper, polyethylene insulated, twisted pair, aluminum mylar shield, 22 AWG stranded tinned copper drain wire, chrome PVC jacket.

Temperature Rating: -20°C to +60°C

2877	RU 2092 (300v)	2	.016"	.025"	.175"	Blk., Clear
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2878	RU 2093 (300v)	2	.016"	.020"	.170"	Blk., Red
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Tinned copper, polyethylene insulated, conductors twisted, aluminum mylar shield, 22 AWG stranded tinned copper drain wire, chrome PVC jacket.

Temperature Rating: -20°C to +60°C

† 2880	RU 2093 (300v)	3	.016"	.025"	.183"	Blk., Red, Clear
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Tinned copper, polyethylene insulated, conductors twisted, aluminum mylar shield, 24 AWG stranded tinned copper drain wire, chrome PVC jacket.

Temperature Rating: -20°C to +60°C

† 2882	RU 2094 (300v)	4	.016"	.025"	.215"	Red, Blk., Grn., Clear
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Passes the VW-1 vertical flame test



MULTI-CONDUCTOR CABLE

MYLAR FOIL SHIELDED

SOUND/BROADCAST AUDIO & INSTRUMENTATION CABLES

UL CL2 or CMG



20 Gage, Stranded Conductors



CE Compliant & Sunlight Resistant

DESCRIPTION:

Tinned copper, polyethylene insulated, twisted pair, aluminum mylar shield, 20 AWG stranded tinned copper drain wire, chrome PVC jacket. **Temperature Rating:** -20°C to +60°C

Tinned copper, PVC insulated, twisted pair, aluminum mylar shield, 22 AWG stranded tinned copper drain wire, beige PVC jacket. **Temperature Rating:** -20°C to +80°C

Tinned copper, polyethylene insulated, conductors twisted, aluminum mylar shield, 20 AWG stranded tinned copper drain wire, chrome PVC jacket. **Temperature Rating:** -20°C to +60°C

* Not CE Compliant, UV Resistant
† 105°C, CE Compliant, UV Resistant

OLYMPIC NO.	UL STYLE NUMBER	NO. OF COND.	STRAND	INSUL. THICK.	JACKET THICK.	NOM. O.D.	COLOR CODE
2881	2092 (300v)	2	7x28	.016"	.028"	.204"	Blk., Clear
*2883		2	10x30	.016"	.020"	.186"	Blk., Red
*2885	2464 (300v)	2	7x28	.013"	.031"	.198"	Blk., Red
2884	2093 (300v)	3	7x28	.015"	.030"	.208"	Blk., Red, Clear
2887	2094 (300v)	4	10x30	.016"	.028"	.225"	Blk., Red, Clear, Grn.
† 81466	2464 (300v)	6	7x28	.016"	.032"	.284"	Chart 2

18 Gage, Stranded Conductors



CE Compliant & Sunlight Resistant

Tinned copper, polyethylene insulated, twisted pair, aluminum mylar shield, 20 AWG stranded tinned copper drain wire, chrome PVC jacket. **Temperature Rating:** -20°C to +60°C

Tinned copper, PVC insulated, conductors twisted, aluminum mylar shield overall, 20 AWG stranded tinned copper drain wire, chrome PVC jacket. **Temperature Rating:** -20°C to +105°C

2886	2092 (300v)	2	16x30	.018"	.028"	.222"	Blk., Clear
2888	2093 (300v)	3	16x30	.018"	.028"	.236"	Blk., Red, Clear
2890	S-R PVC	4	19x30	.010"	.035"	.245"	Blk., Red, White, Grn.
2890/6	(300v)	6	16x30	.017"	.032"	.310"	Blk., Red, Wht. Grn., Org., Blu.
2890/8	(300v)	8	16x30	.017"	.032"	.330"	Chart 8
2890/10	(300v)	10	16x30	.017"	.032"	.362"	Chart 8
2890/12	(300v)	12	16x30	.017"	.035"	.390"	Chart 2

16 Gage, Stranded Conductors



Tinned copper, polyethylene insulated, twisted pair, aluminum mylar shield, 18 AWG stranded tinned copper drain wire, chrome PVC jacket.

Tinned copper, polyethylene insulated, conductors twisted, aluminum mylar shield, 18 AWG stranded tinned copper drain wire, chrome PVC jacket. **Temperature Rating:** -20°C to +60°C

* CL3, CM

*2891	20253 (600v)	2	19x29	.032"	.032"	.304"	Blk., Clear
2892	20253 (600v)	3	19x29	.032"	.031"	.318"	Blk., Red, Clear
2892/4	20253 (600v)	4	19x29	.032"	.031"	.385"	Blk., Red, Clear, Grn.

14 Gage, Stranded Conductors



Tinned copper, polyethylene insulated, twisted pair, aluminum mylar shield, 16 AWG stranded tinned copper drain wire, chrome PVC jacket. **Temperature Rating:** -20°C to +60°C

2893	20253 (600v)	2	19x27	.032"	.035"	.340"	Blk., Clear
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12 Gage, Stranded Conductors



Tinned copper, polyethylene insulated, twisted pair, aluminum mylar shield, 14 AWG stranded tinned copper drain wire, chrome PVC jacket. **Temperature Rating:** -20°C to +60°C

2894	20253 (600v)	2	19x25	.037"	.040"	.400"	Blk., Clear
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Passes the VW-1 vertical flame test

RoHS Compliant



MULTI-CONDUCTOR CABLE

MYLAR FOIL SHIELDED

UL CM, CMG
CE COMPLIANT

Sunlight Resistant, Multi-Conductor Cable/Overall Foil Shield

24 Gage, (7x32)



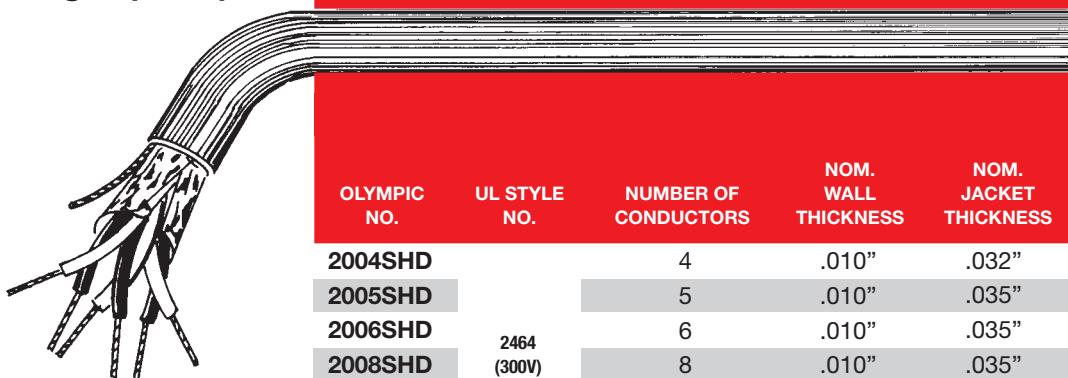
OLYMPIC NO.	UL STYLE NO.	NUMBER OF CONDUCTORS	NOM. WALL THICKNESS	NOM. JACKET THICKNESS	NOM. O.D.	SUGGESTED WORKING VOLTAGE	NOM. CAP. pF/ft*
2823		3	.010"	.035"	.170"	300	30
2824		4	.010"	.035"	.178"	300	30
2825		5	.010"	.035"	.195"	300	30
2826		6	.010"	.035"	.209"	300	30
2827	2464 (300V)	7	.010"	.035"	.209"	300	30
2828	80°C	8	.010"	.035"	.220"	300	30
2829	SP	9	.010"	.035"	.226"	300	30
2830	AWM	10	.010"	.035"	.234"	300	30
2835		15	.010"	.035"	.280"	300	30
2840		20	.010"	.035"	.320"	300	30
2845		25	.010"	.040"	.360"	300	30
2850		30	.010"	.040"	.380"	300	30
2860		40	.010"	.040"	.430"	300	30
†† 2870		50	.010"	.045"	.490"	300	30

DESCRIPTION:
Tinned copper, SR PVC insulated, conductors twisted, aluminum mylar shield with 24 AWG stranded tinned copper drain wire, chrome PVC jacket
Temp. Rating -20°C to +105°C

COLOR CODE:
2823-2830 See Chart 1
2835-2870 See Chart 2

* Capacitance between conductors

22 Gage, (7x30)



OLYMPIC NO.	UL STYLE NO.	NUMBER OF CONDUCTORS	NOM. WALL THICKNESS	NOM. JACKET THICKNESS	NOM. O.D.	NOM. CAP. pF/ft*
2004SHD		4	.010"	.032"	.200"	35
2005SHD		5	.010"	.035"	.212"	35
2006SHD	2464 (300V)	6	.010"	.035"	.227"	35
2008SHD		8	.010"	.035"	.242"	35
2010SHD		10	.010"	.035"	.260"	35
2012SHD	SP	12	.010"	.035"	.286"	35
2015SHD	AWM	15	.010"	.035"	.301"	35
2020SHD		20	.010"	.035"	.335"	35
2025SHD		25	.010"	.040"	.370"	35

DESCRIPTION:
Tinned copper, PVC insulated, conductors twisted, aluminum mylar shield with 24 AWG stranded tinned copper drain wire, chrome PVC jacket,
Temp. Rating -20°C to +105°C

COLOR CODE:
See Chart 8

* Capacitance between conductors

Passes the VW-1 vertical flame test

UL 2919

UL CL2

MULTI-PAIRED OVERALL SHIELDED 24 GAGE (7 x 32)

EIA RS-232 AND EIA RS-422, RS-485

DESCRIPTION:

Twisted pairs of polyethylene insulated 24 AWG, seven strand tinned conductors, twisted with overall alum. mylar shield with 24 (7) AWG tinned copper drain wire; jacketed with flame retardant gray PVC, .032 inch nominal wall thickness; nominal mutual capacitance 12.5 pF/Ft, 100 ohm.

TEMPERATURE RATING: -20°C to +80°C

APPLICATIONS:

Polyethylene insulated and paired for low capacitance for extended distance peripheral interconnection, digital data communications systems utilizing balance circuits, or unbalanced circuits requiring superior capacitance matching, where overall RF shield isolation is necessary; Extended Distance Cable - recommended for use up to 200 feet

COLOR CODE:

See Chart 11

[†] See Chart 12, UL2448

OLYMPIC NO.	NUMBER OF PAIRS	NOMINAL OVERALL DIAMETER	NOM. CAP. pF/ft**
9600	2	.264"	12.5
9601	3	.278"	12.5
† 9602A	4	.300"	12.5
† 9604A	6	.353"	12.5
9605	7	.353"	12.5
† 9607A	9	.409"	12.5
† 9609A	12 + 1 single	.456"	12.5

22 GAGE SOLID CONDUCTORS

UL CM

OLYMPIC NO.	U.L. STYLE NO.	NOM. D.C.R. CENTER COND.	NOM. SHIELD	NO. OF PAIRS	NOM. O.D.	NOMINAL VEL OF PROP.	NOM. CAPACITANCE
					pF/ft**	pF/ft**	pF/m**
6172		22 (solid) tinned copper 16.1 Ω/M'	Alum. mylar w/ stranded drain wire 6.3 Ω/M'	2	.385"	78%	8.8
2668							
<i>Black PVC jacket. Conductor color code: Black/yellow Red/blue TEMPERATURE RATING: -20°C to +60°C</i>							

**PAIRED CABLE/OVERALL FOIL SHIELD
24 GAGE, (7 x 32)**

UL CM, CMG

DESCRIPTION:

Tinned copper, PVC insulated, twisted pairs, overall aluminum mylar shield, 24 AWG stranded tinned copper drain wire, chrome PVC jacket

TEMPERATURE RATING:

-20°C to +80°C

COLOR CODE:

See Chart 3

^{*} See Chart 4

OLYMPIC NO.	UL STYLE NO.	NO. OF PAIRS	NOM. WALL THICKNESS	NOM. JACKET THICKNESS	NOM. O.D.	SUGGESTED WORKING VOLTAGE	NOM. CAP. pF/ft**
†† 2944		1	.010"	.035"	.162"	300	41
† 2945		2	.010"	.032"	.222"	300	30
2946		3	.010"	.032"	.232"	300	30
† 2947		4	.010"	.032"	.265"	300	30
2948		5	.010"	.035"	.280"	300	30
2949	2464 (300V)	6	.010"	.035"	.295"	300	30
2950		7	.010"	.035"	.300"	300	30
2951		8	.010"	.035"	.330"	300	30
2952		9	.010"	.035"	.340"	300	30
2953		10	.010"	.040"	.380"	300	30
2954	S-R PVC	15	.010"	.040"	.425"	300	30
2955		19	.010"	.040"	.450"	300	30
2956		25	.010"	.045"	.515"	300	30
† CE Compliant, Sunlight Resistant	* 2957	50	.010"	.050"	.700"	300	30
†† Tempature Rating: 105°C							

** Capacitance between conductors

Passes the VW-1 vertical flame test

RoHS Compliant



COMPUTER CABLES

LOW CAPACITANCE

UL CL2P, CMP

NEC 725-38(b)3 CLASS 2

DESCRIPTION:

Tinned copper, FEP insulated, twisted pairs, with overall alum. mylar shield with 24 (7) AWG tinned copper drain wire, jacket

APPLICATIONS:

Extruded insulated and paired for low capacitance for extended distance peripheral interconnection, approved for direct installation in air plenums without conduit in accordance with Article 725-2(b) of the national Electric Code, UL listed, Subject 13, Extended Distance Cable, recommended for use up to 200 feet

SUGGESTED WORKING VOLTAGE:

150 volts maximum in accordance with NEC

COLOR CODE: See Chart 11

RS232, RS422, RS485 PLENUM CABLE Power Limited Circuit Cable-Class 2 RS-232-C 24 Gage Stranded Conductors (7x32)

OLYMPIC NO.	NUMBER OF PAIRS	NUMBER OF CONDUCTORS	NOMINAL OVERALL DIAMETER	NOM. CAPACITANCE pF/ft*
9500	2	4	.202"	12.2
† 9501	3	6	.189"	12.5
9502	4	8	.236"	12.2
9503	6	12	.264"	12.2
9504	7	14	.264"	12.2
9505	9	18	.316"	12.2
9506	12 + 1 single	25	.420"	12.0

† Not RS485

* Capacitance between conductors

UL CL2P

NEC 725-38(b)3 CLASS 2

PLENUM CABLE RS-232 and RS-422 Computer Cable Overall Foil and Braid Shields

DESCRIPTION:

Tinned copper, extruded insulated, twisted pairs, overall alum. mylar and T.C. braid shield with 22 (7) AWG tinned copper drain wire, jacket

COLOR CODE: See Chart 11

OLYMPIC NO.	NUMBER OF PAIRS	NUMBER OF CONDUCTORS	NOMINAL OVERALL DIAMETER	NOM. CAPACITANCE pF/ft*
3929T	2	4	.230"	12.5
3930T	3	6	.240"	12.5
3931T	4	8	.249"	12.5
9404T	6	12	.281"	12.5
3938T	25	50	.427"	12.5



COMPUTER AND P.O.S. CABLE

PLENUM CABLE SHIELDED PAIRS UL CMP, CL2P NEC 800, 725

OVERALL FOIL SHIELDED PAIRS

**UL CMP
CL3P**

DESCRIPTION:

Stranded tinned copper conductors, insulated, twisted pairs, with overall aluminum mylar shield, stranded tinned copper drain wire, jacket

OLYMPIC NO.	NUMBER OF PAIRS	CONDUCTOR		NOM. O.D.	NOM. CAPACITANCE pF/ft
		AWG	STRAND		
3170T	2	22	7	.183"	28.6
3171T	3	22	7	.175"	28.6
3172T	4	22	7	.195"	28.6
3173T	6	22	7	.235"	28.6
†@ 3180T	2	18	7	.260"	36.0
3181T	3	18	7	.270"	36.0
@ 3182T	4	18	7	.280"	36.0

† Color code: black & white,
red & green
@ Bare copper

INDIVIDUALLY FOIL SHIELDED PAIRS

UL CMP*, CL3P

DESCRIPTION:

Stranded tinned copper conductors, insulated, twisted pairs, individually aluminum mylar shielded, jacket

OLYMPIC NO.	NUMBER OF PAIRS	CONDUCTOR		NOM. O.D.	NOM. CAPACITANCE pF/ft
		AWG	STRAND		
† 2998T*	2	24	7	.243"	12.5
** 6400T*	3	24	7	.259"	12.5
† 6409T*	4	24	7	.288"	12.5
** 2976TA	2	22	1	.172"	35.0
‡ 2976T	2	22	7	.147"	30.0
§ 2980T	3	22	7	.178"	39.7
§ 2981T	6	22	7	.250"	30.0
† 3197TL	2	18	7	.268"	38.0

OVERALL FOIL & BRAID SHIELDED PAIRS

UL CL2P

DESCRIPTION:

Solid tinned copper conductors, insulated, twisted pairs, overall alum. mylar and T.C. braid shield, jacket

OLYMPIC NO.	NUMBER OF PAIRS	CONDUCTOR		NOM. O.D.	NOM. CAPACITANCE pF/ft
		AWG	STRAND		
6173T	2	22	1	.211"	15.0
NCR P.O.S. CABLE, COLOR CODE: Red & Blue, Black & Yellow					
6196T	2	22	1	.264"	15.0
IBM P.O.S. CABLE, COLOR CODE: Blue, White with Blue stripe and Orange, White with Orange stripe					



THERMOCOUPLE WIRE & EXTENSION WIRE

DUPLEX EXTENSION WIRE

DESCRIPTION:

Solid or stranded alloy wire matched and calibrated to standard limits of error per ASA C96.1

APPLICATION:

Interconnection of thermocouples to temperature recording apparatus

INSULATION TEMPERATURE RATINGS:

Glass Braid with Silicon	482°C
FEP	205°C
PVC	105°C

OLYMPIC NO.	ANSI TYPE	AWG	CONDUCTOR STRANDING	COND. INSUL.	JACKET MAT'L	NOM. O.D.
1011	EX	20	ONE	PVC	PVC	.084" x .142"
1012	JX	16	ONE	PVC	PVC	.121" x .201"
1014	JX	16	ONE	GLASS* BRAID	GLASS* BRAID	.081" x .142"
1015	JX	16	ONE	FEP	FEP	.091" x .161"
1016	JX	20	ONE	PVC	PVC	.100" x .163"
1021	KX	16	ONE	PVC	PVC	.121" x .201"
1023	KX	16	ONE	GLASS* BRAID	GLASS* BRAID	.081" x .142"
1024	KX	20	ONE	PVC	PVC	.100" x .163"
1024F	KX	20	7/28	PVC	PVC	.090" x .154"
1030	TX	16	ONE	PVC	PVC	.121" x .201"
1031	TX	20	ONE	PVC	PVC	.100" x .163"

DUPLEX THERMOCOUPLE WIRE GRADE

DESCRIPTION:

Solid or stranded alloy wire matched and calibrated to standard limits of error per ASA C96.1

APPLICATION:

For primary thermocouple fabrication and interconnection of thermocouples to temperature recording apparatus

OLYMPIC NO.	ANSI TYPE	AWG	CONDUCTOR STRANDING	COND. INSUL.	JACKET MAT'L	NOM. O.D.
1102	J	20	ONE	GLASS* BRAID	GLASS* BRAID	.064" x .109"
1102F	J	20	7/28	GLASS* BRAID	GLASS* BRAID	.090" x .154"
1105	J	20	ONE	FEP	FEP	.072" x .124"
1112	K	20	ONE	GLASS* BRAID	GLASS* BRAID	.064" x .109"
1112F	K	20	7/28	GLASS* BRAID	GLASS* BRAID	.090" x .154"
1115	K	20	ONE	FEP	FEP	.072" x .124"
1125	T	20	ONE	FEP	FEP	.072" x .124"

* Silicone varnish impregnated glass

ISA/ANSI COLOR CODE

TYPE		OVERALL JACKET						
GRADE	EXTENSION	POSITIVE WIRES		NEGATIVE WIRES		GRADE	TRACER	EXTENSION
J	JX	Iron	White	Constantan	Red	Brown	with	Black
K	KX	Chromel	Yellow	Alumel	Red	Brown	with	Yellow
T	TX	Copper	Blue	Constantan	Red	Brown	with	Blue
E	EX	Chromel	Purple	Constantan	Red	Brown	with	Purple
—	RX, SX	Copper	Black	Alloy #11	Red	—	—	Green



MULTI-PAIR CABLE

LOW CAPACITANCE

COMPUTER CABLE - SUITABLE FOR RS-422 TYPE APPLICATIONS (Cont'd)

24 Gage, Stranded Conductors (7x32)

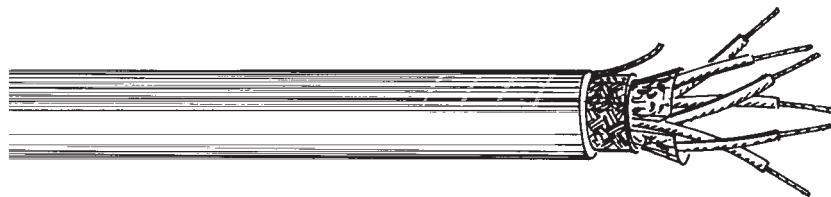
UL CM

DESCRIPTION:

Tinned copper, polyethylene insulated twisted pairs,
100% Foil and 65% T.C. Braid Shield and
drain wire with Chrome PVC jacket

TEMPERATURE RANGE: -20°C to 80°C

COLOR CODE: See Chart 9



OLYMPIC NO.	UL STYLE NO.	NUMBER OF PAIRS	NOM. WALL THICKNESS	NOM. O.D.	NOM. IMP.	NOM. VEL. OF PROP.	NOMINAL CAPACITANCE pF/ft*	NOMINAL CAPACITANCE pF/ft**
† 3929		2	.010"	.250"	100	66%	15.5	27.5
3930		3	.010"	.310"	100	66%	15.5	27.5
† 3931		4	.010"	.330"	100	66%	15.5	27.5
3932		5	.010"	.350"	100	66%	15.5	27.5
3933		7	.010"	.370"	100	66%	15.5	27.5
3934		9	.010"	.420"	100	66%	15.5	27.5
3935		10	.010"	.450"	100	66%	15.5	27.5
3936		12	.010"	.470"	100	66%	15.5	27.5

† UV Resistant, CE Compliant

* Capacitance between conductors

** Capacitance between 1 conductor and other conductor connected to shield



MULTI-PAIR CABLE

LOW CAPACITANCE

COMPUTER CABLE - SUITABLE FOR RS-422 TYPE APPLICATIONS (Cont'd)

UL CM

24 Gage, Stranded Conductors (7x32)

DESCRIPTION:

Tinned copper, polyethylene insulated twisted pairs,
100% Foil and 90% T.C. Braid Shield with Chrome PVC jacket

COLOR CODE: See Chart 9



OLYMPIC NO.	UL STYLE NO.	NUMBER OF PAIRS	NOM. WALL THICKNESS	NOM. O.D.	NOM. IMP.	NOM. VEL. OF PROP.	NOMINAL CAPACITANCE pF/ft*	NOMINAL CAPACITANCE pF/ft**
3937		18	.010"	.570"	100	66%	15.5	27.5
3938		25	.010"	.660"	100	66%	15.5	27.5

FOR RS-485 TYPE MULTI-DROP APPLICATIONS

24 Gage, Stranded Conductors (7x32)

DESCRIPTION:

Tinned copper, polyethylene insulated twisted pairs,
100% Foil and 90% T.C. Braid Shield with Chrome PVC jacket

COLOR CODE: See Chart 9

TEMPERATURE RANGE: -20°C to +80°C

† 3950		2	.016"	.340"	120	66%	12.8	23.0
3951		3	.016"	.360"	120	66%	12.8	23.0
3952		4	.016"	.390"	120	66%	12.8	23.0

† CE Compliant, Sunlight Resistant

* Capacitance between conductors

** Capacitance between 1 conductor and other conductor connected to shield

MULTI-CONDUCTOR OVERALL SHIELD, FOIL & BRAID
24 Gage, Stranded Conductors (7x32)

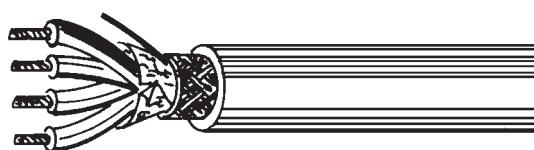
 UL CM
EIA RS-232 and EIA RS-422
DESCRIPTION:

Tinned copper, polyolefin insulated, multi-conductor cable with overall aluminum mylar plus 65% tinned copper braid shield, 24 AWG stranded, tinned copper drain wire, chrome PVC jacket.

TEMPERATURE RANGE: -20°C to +80°C

COLOR CODE: See Chart 1

† See Chart 2



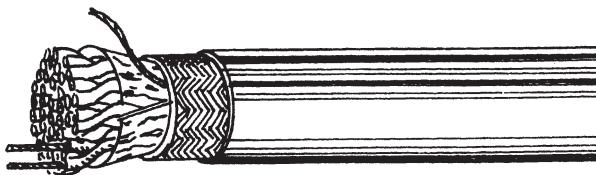
OLYMPIC NO.	UL STYLE NO.	NOMINAL D.C.R. COND.	NOMINAL D.C.R. SHIELD	NO. OF COND.	NOM. O.D.	NOM. VEL. OF PROP.	NOMINAL CAPACITANCE pF/ft*	NOMINAL CAPACITANCE pF/ft**
9412	2919 30V	24 (7x32) 23.7 Ω/M'	—	3	.215"	78%	12.5	22
9413	2919 30V	24 (7x32) 23.7 Ω/M'	—	4	.230"	78%	12.5	22
9414	2919 30V	24 (7x32) 23.7 Ω/M'	—	5	.246"	78%	12.5	22
9415	2919 30V	24 (7x32) 23.7 Ω/M'	—	6	.265"	78%	12.5	22
9416	2919 30V	24 (7x32) 23.7 Ω/M'	—	7	.265"	78%	12.5	22
9417	2919 30V	24 (7x32) 23.7 Ω/M'	—	8	.280"	78%	12.5	22
9418	2919 30V	24 (7x32) 23.7 Ω/M'	—	9	.300"	78%	12.5	22
9419	2919 30V	24 (7x32) 23.7 Ω/M'	—	10	.320"	78%	12.5	22
† 9420	2919 30V	24 (7x32) 23.7 Ω/M'	—	15	.360"	78%	12.5	22
† 9421	2919 30V	24 (7x32) 23.7 Ω/M'	—	25	.445"	78%	12.5	22
† 9422	2919 30V	24 (7x32) 23.7 Ω/M'	—	37	.500"	78%	12.5	22

* Capacitance between conductors

** Capacitance between 1 conductor and other conductors connected to shield

MULTI-PAIR OVERALL SHIELDED, FOIL & BRAID

UL CM

24 Gage, Stranded Conductors (7x32)
**DESCRIPTION:**

Tinned copper, polyolefin insulated, multi-paired cable with overall mylar plus 65% tinned copper braid shield. 24 AWG stranded, tinned copper drain wire, chrome PVC jacket.

COLOR CODE: See Chart 9; 25th cond. gray

TEMPERATURE RATING: -20°C to +80°C

OLYMPIC NO.	UL Style NO.	NOM D.C.R.		NO. OF PAIRS	NOM. O.D.	NOM. IMP. (ohms)	NOM. VEL. OF PROP.	NOMINAL CAPACITANCE		6 dbv Length Limit in thousands of feet
OLYMPIC NO.	UL Style NO.	COND.	SHIELD					pF/ft*	pF/ft**	
9400	2919 30V	24 (7x32) 23.7 Ω/M'	---	2	.290"	100	78%	12.5	22	2.1
9401	2919 30V	24 (7x32) 23.7 Ω/M'	---	3	.305"	100	78%	12.5	22	2.1
9402	2919 30V	24 (7x32) 23.7 Ω/M'	---	4	.330"	100	78%	12.5	22	2.1
9403	2919 30V	24 (7x32) 23.7 Ω/M'	---	5	.340"	100	78%	12.5	22	2.1
9404	2919 30V	24 (7x32) 23.7 Ω/M'	---	6	.370"	100	78%	12.5	22	2.1
9405	2919 30V	24 (7x32) 23.7 Ω/M'	---	7	.370"	100	78%	12.5	22	2.1
9406	2919 30V	24 (7x32) 23.7 Ω/M'	---	8	.410"	100	78%	12.5	22	2.1
9407	2919 30V	24 (7x32) 23.7 Ω/M'	---	10	.447"	100	78%	12.5	22	2.1
9408	2919 30V	24 (7x32) 23.7 Ω/M'	---	12 1/2 Pr. + 1 single	.480"	100	78%	12.5	22	2.1
9409	2919 30V	24 (7x32) 23.7 Ω/M'	---	15	.540"	100	78%	12.5	22	2.1
9410	2919 30V	24 (7x32) 23.7 Ω/M'	---	18	.570"	100	78%	12.5	22	2.1
9411	2919 30V	24 (7x32) 23.7 Ω/M'	---	25	.650"	100	78%	12.5	22	2.1

* Capacitance between conductors

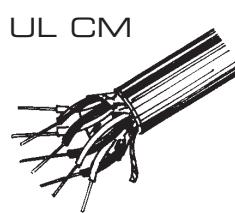
** Capacitance between 1 conductor and other conductor connected to shield



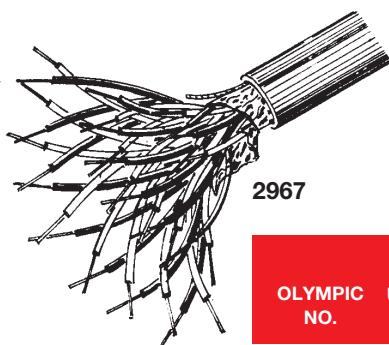
MULTI-PAIRED CABLE

MYLAR FOIL SHIELDED

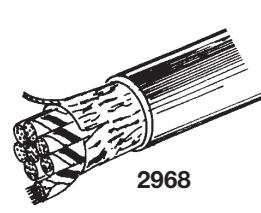
COMPUTER & P.O.S. CABLE



2960-2966



2967



2968

22 Gage, SOLID

OLYMPIC NO.	UL STYLE NO.	NO. OF PAIRS	NOM. WALL THICKNESS	NOM. JACKET THICKNESS	NOM. O.D.	SUGGESTED WORKING VOLTAGE
2960		2	.013"	.032"	.244"	300
2961		4	.013"	.032"	.265"	300
2962	RU	6	.013"	.035"	.315"	300
2963	2464	9	.013"	.037"	.363"	300
2964	(300V)	15	.013"	.040"	.449"	300
2965		19	.013"	.040"	.495"	300
2966		27	.013"	.045"	.590"	300

RS485 UL2919 CM

DESCRIPTION:

Tinned copper, PVC insulated, twisted pairs, overall aluminum mylar shield, stranded tinned copper drain wire, chrome PVC jacket

TEMPERATURE RATING: -20°C to +80°C

COLOR CODE: See Chart 3

SHIELDED COMPUTER CABLE

† 6841	1	.024"	.235"	30
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RS485 CMP

DESCRIPTION:

Tinned copper, Foam Fluoropolymer insulated, aluminum mylar & T.C. Braid with Stranded Tinned Copper Drain Wire shield overall, chrome PVC jacket, low capacitance

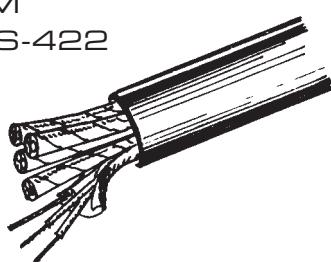
TEMPERATURE RATING: -20°C to + 80°C

COLOR CODE: Blue/White & White/Blue

SHIELDED COMPUTER PLENUM CABLE

6841T	1	.018"	.166"	150
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COMPUTER CABLES - LOW CAPACITANCE Shielded Pairs

UL CM
EIA RS-422

24 Gage, (7x32)

OLYMPIC NO.	UL STYLE NO.	NO. OF PAIRS	NOM. JKT. THICK.	NOM. O.D.	NOM. VEL. OF PROP.	*pF/ft.	**pF/ft.	SUG. WRKG. VOLTAGE
† 2998		2	.045"	.317"	78%	12.5	23.2	300
† 6400		3	.045"	.334"	78%	12.5	23.2	300
6409		4	.045"	.363"	78%	12.5	23.2	300
6401	RU	6	.045"	.421"	78%	12.5	23.2	300
6402	2493	9	.055"	.488"	78%	12.5	23.2	300
6403		11	.055"	.575"	78%	12.5	23.2	300
6404		12	.060"	.575"	78%	12.5	23.2	300
6405		15	.065"	.639"	78%	12.5	23.2	300
6406		17	.070"	.671"	78%	12.5	23.2	300
6407		19	.070"	.671"	78%	12.5	23.2	300
6408	RU 2490	27	.070"	.797"	78%	12.5	23.2	300

Passes the VW-1 vertical flame test

* Capacitance between conductors

** Capacitance between 1 conductor and other conductor connected to shield

RoHS Compliant



MULTI-CONDUCTOR CABLE

MYLAR FOIL SHIELDED

AUDIO/COMMUNICATION CABLE

UL CM

DESCRIPTION:

Tinned copper, polypropylene insulated, black and red under an aluminum mylar shield, green and white under an aluminum mylar shield, 24 AWG stranded tinned copper common drain wire, chrome PVC jacket. Pairs twisted on common axis to reduce diameter.

TEMPERATURE RATING: -20°C to +75°C

OLYMPIC NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JKT. THICK.	NOM. O.D.	COLOR CODE	SUG. WRKG. VOLTAGE
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2976 4 (2 pair) 22 7/30 .010" .023" .167" Red, Blk., Grn., Wht. 400

CM

3030 4 (2 pair) 22 7/30 .008" .030" .206" Red, Blk., Grn., Wht. 400

CM
UL20093

3032 4 (2 shielded) (2 unshielded) 22 7/30 .008" .019" .165" Red, Blk., Grn., Wht. 200

CM

3034 4 (2 shielded) (2 unshielded) 20 7/28 .015" .028" .230" Red, Blk., Grn., Wht. 350

CL2

Plenum Rated CL3P, CMP

Stranded bare copper, LS PVC Insulated, Aluminum mylar shield over Black & Red Pair with 24 AWG Stranded tinned copper drain wire, White LS PVC Jacket. **TEMPERATURE RATING:** -20°C to +80°C

3032T 4 (2 shielded) (2 unshielded) 22 7/30 .008" .014" .137" Red, Blk., Grn., Wht. 300

CL3P

CMP

Stranded bare copper, LS PVC Insulated, Aluminum mylar shield over Black & Red Pair with 24 AWG Stranded tinned copper drain wire, White LS PVC Jacket. **TEMPERATURE RATING:** -20°C to +80°C

3034T 4 (2 shielded) (2 unshielded) 20 7/28 .007" .015" .161" Red, Blk., Grn., Wht. 300

CL3P

CMP

Passes the VW-1 vertical flame test



MULTI-PAIRED CABLE

MYLAR FOIL SHIELDED

SHIELDED PAIRS AUDIO/CONTROL CABLES

UL CM

22 Gage, Solid Conductors

DESCRIPTION:

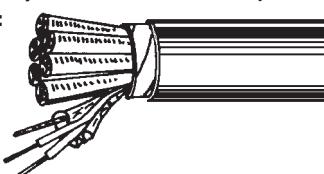
Tinned copper, PVC insulated, twisted pairs, each pair and its drain wire under aluminum mylar shield, chrome PVC jacket

TEMPERATURE RATING:

-20°C to +80°C

COLOR CODE:

Chart 3



OLYMPIC NO.	UL STYLE NUMBER	NO. OF PAIRS	NOM. WALL. THICK.	NOM. JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLTAGE
2971		3	.013"	.037"	.279"	300
2972	RJ	6	.013"	.037"	.379"	300
2973	2464 (300v)	9	.013"	.040"	.425"	300
2974		11	.013"	.040"	.470"	300
2975		15	.013"	.045"	.525"	300

22 Gage, Stranded Conductors (7x30)

Tinned copper, polypropylene insulated, black & red under an aluminum mylar shield, green & white under an aluminum mylar shield, 24 AWG stranded tinned copper common drain wire, pairs twisted on common axis to reduce diameter, chrome PVC jacket

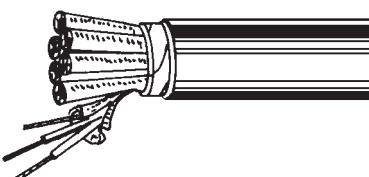
Tinned copper, polypropylene insulated, twisted pairs, each pair and its 22 AWG stranded tinned copper drain wire under aluminum mylar shield, chrome PVC jacket overall

TEMPERATURE RATING:

-20°C to +80°C

COLOR CODE:

Chart 3



2976	CM, CL3	2	.010"	.023"	.167"	400
2980		3	.010"	.032"	.273"	300
2981		6	.010"	.032"	.368"	300
2982		9	.010"	.032"	.413"	300
2983		11	.010"	.032"	.458"	300
2984	RJ	12	.010"	.032"	.458"	300
2985	2919	15	.010"	.048"	.554"	300
2986		17	.010"	.055"	.585"	300
2987		19	.010"	.055"	.599"	300
2988		27	.010"	.055"	.709"	300
2999		37	.010"	.065"	.840"	300

20 Gage, Stranded Conductors (7x28)

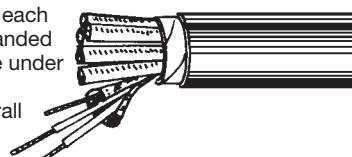
Tinned copper, PVC insulated, twisted pairs, each pair aluminum mylar shielded, 22 AWG stranded tinned copper drain wires, chrome PVC jacket, sunlight resistant, CE compliant



2989	2464 (300v) CMG	2	.010"	.041"	.300"	350
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COLOR CODE: 1 pair Red, Blk; 1 pair Grn, Wht

Tinned copper, polyethylene insulated, twisted pairs, each pair and its 22 AWG stranded tinned copper drain wire under aluminum mylar shield, chrome PVC jacket overall



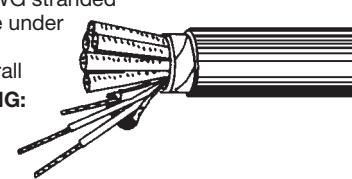
COLOR CODE:
Chart 3

TEMPERATURE RATING: -20°C to +80°C

2990		3	.013"	.032"	.340"	350
2991		6	.013"	.032"	.420"	350
2992		9	.013"	.048"	.550"	350
2993	2919	11	.013"	.048"	.600"	350
2994		12	.013"	.055"	.617"	350
2995		15	.013"	.055"	.689"	350

18 Gage, Stranded Conductors (16x30)

Tinned copper, polyethylene insulated, twisted pairs, each pair and its #20 AWG stranded tinned copper drain wire under aluminum mylar shield, chrome PVC jacket overall



TEMPERATURE RATING:
-20°C to +80°C

COLOR CODE:
Chart 3

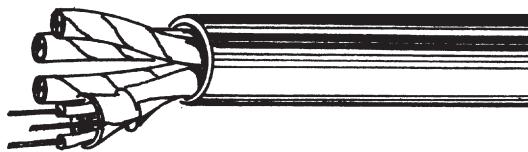
3000		3	.016"	.032"	.404"	400
3001		6	.016"	.048"	.559"	400
3002	2919	9	.016"	.055"	.655"	400
3003		12	.016"	.055"	.735"	400
3004		15	.016"	.065"	.819"	400



MULTI-CONDUCTOR CABLE

MYLAR FOIL SHIELDED

MULTIPLE PAIR AUDIO, COMMUNICATION & INSTRUMENTATION CABLES



OLYMPIC NO.	NO. OF COND.	AWG. STRANDING	INSUL. THICK.	JACKET THICK.	NOM. O.D.	COLOR CODE	NOM. CAP. pF/ft.*	NOM. CAP. pF/ft.**
3037	8 4 PAIR	20 (7x28)	.015"	.030"	.345"	Red & Blk., Grn. & Wht., Wht./Red & Wht./Blk. Wht./Grn. & Wht./Yel.	27	49

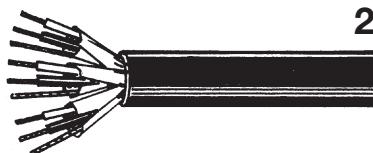
DESCRIPTION:

Tinned copper conductors, polypropylene insulated, four groups of two conductors with 22 AWG drain wire, each group individually aluminum mylar shielded with polyester tape wrap, chrome PVC jacket. Twisted around a common axis.

Suggested Working Voltage: 400

*Capacitance between conductors **Capacitance between 1 conductor and other conductor connected to shield

SHIELDED DIRECT BURIAL CABLES



20 Gage, Stranded Conductors (10x30) INDIVIDUALLY SHIELDED PAIRS

OLYMPIC NO.	NO. OF PAIRS	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLTAGE
3020	3	.013"	.040"	.340"	350
3021	6	.013"	.045"	.455"	350

DESCRIPTION:

Tinned copper, polypropylene insulated, aluminum mylar shield over individually twisted pairs with 22 AWG stranded tinned copper drain wire, black high density polyethylene jacket.

COLOR CODE: See Chart 3



20 Gage, Solid Conductors OVERALL SHIELDED, NON-PAIRED

OLYMPIC NO.	NO. OF COND.	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLTAGE
3022	2	.013"	.035"	.190"	350
3023	3	.013"	.035"	.205"	350

COLOR CODE:

Wht., Blk.
Wht., Blk., Red

Tinned copper, polypropylene insulated, conductors twisted, aluminum mylar shield overall, 22 AWG solid tinned copper drain wire, black high density polyethylene jacket.

TEMPERATURE RATING: -20°C to +80°C



20 Gage, Solid Conductors

OLYMPIC NO.	NO. OF COND.	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLTAGE
3024	10	.013"	.040"	.310"	350
3025	15	.013"	.045"	.390"	350

Tinned copper, polypropylene insulated, conductors twisted, aluminum mylar shield overall, 22 AWG solid tinned copper drain wire, black high density polyethylene jacket.

TEMPERATURE RATING: -20°C to +80°C

COLOR CODE: Consult Factory.

Passes the VW-1 vertical flame test

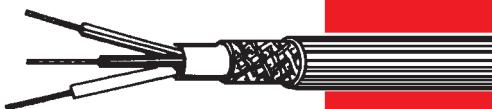
RoHS Compliant



MULTI-CONDUCTOR CABLE

TINNED COPPER SHIELDED

SHIELDED MICROPHONE CABLE



APPLICATIONS:

All high impedance microphones, lapel, ribbon, velocity, crystal contact, hi-fi interconnecting cables. All low impedance microphones - carbon, condenser, dynamic.

DESCRIPTION:

Tinned copper, polyethylene insulation, tinned copper spiral wrap shield, chrome PVC jacket. Temp. Rating -20°C to +60°C CL2

Tinned copper, polyethylene insulated, conductors twisted, tinned copper braid shield, chrome PVC jacket. Temp. Rating -20°C to +60°C

Tinned copper, polyethylene insulation, conductors twisted, braided tinned copper shield, gray PVC jacket. Temp. Rating -20°C to +60°C

Tinned copper conductor, color coded rubber insulation, conductors twisted, tinned copper braid shield, black rubber jacket. Temp. Rating -20°C to +60°C

OLYMPIC NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLT.	COLOR CODE
6805	1	26	3/34 4/34*	.016"	.020"	.110"	1000	Blk
6806	2	22	19/34	.025"	.025"	.230"	1000	Blk, Wht
3005	2	20	26/34	.015"	.030"	.245"	600	Blk, Wht
3500	2	20	26/34	.020"	.035"	.260"	600	Blk, Wht,
3501	3	20	26/34	.020"	.035"	.275"	600	Red

* 3 str. tinned copper ; 4 str. tinned copper weld.

SPIRAL SHIELDED PVC JACKETED CABLE - 300 VOLT

CM, CMG or CL2



OLYMPIC NO.	UL STYLE NUMBER	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.
2895	2095 (300v)	2	22	Solid	.015"	.025"	.160"
2897	1108 (300v)	1	22	7/30	.016"	.020"	.115"
† 2896	2095 (300v)	2	22	7/30	.015"	.025"	.187"
2898	2095 (300v)	3	22	7/30	.016"	.020"	.190"
2899	2095 (300v)	4	22	7/30	.016"	.020"	.200"
2900	2095 (300v)	6	22	7/30	.016"	.020"	.235"
2901	1108 (300v)	1	20	10/30	.016"	.020"	.130"
2902	2095 (300v)	2	20	7/28	.015"	.025"	.199"
2903	2095 (300v)	3	20	10/30	.016"	.020"	.210"
† 2904	2095 (300v)	4	20	10/30	.016"	.020"	.225"
2905	2095 (300v)	6	20	10/30	.016"	.020"	.265"
2906	1108 (300v)	1	18	16/30	.016"	.020"	.135"
*2907	2095 (300v)	2	18	7/26	.020"	.028"	.241"
2908	2095 (300v)	3	18	7/26	.016"	.020"	.230"
2909	2095 (300v)	4	18	16/30	.016"	.020"	.245"
†**2910	2095 (300v)	2	16	19/29	.016"	.032"	.265"

DESCRIPTION:

Tinned copper, PVC insulation, conductors twisted, 95% spiral wrapped tinned copper shield, chrome PVC jacket. Temp. Rating -20°C to +80°C

COLOR CODE:

- 1 - Black
- 2 - Red
- 3 - White
- 4 - Green
- 5 - Yellow
- 6 - Blue

*Red, White
**Black, White

† UV Resistant, CE Compliant

Passes the VW-1 vertical flame test

RoHS Compliant



MULTI-CONDUCTOR CABLE

TINNED COPPER SHIELDED

UL CL2 - 300 VOLT

BRAID SHIELDED PVC JACKETED CABLE



OLYMPIC NO.	UL STYLE NUMBER	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.
†† 2913	1108 (300v)	1	22	7/30	.016"	.020"	.125"
2914	2095 (300v)	2	22	7/30	.016"	.020"	.185"
† 2912	2095 (300v)	3	22	7/30	.016"	.020"	.200"
2915	2095 (300v)	4	22	7/30	.016"	.020"	.210"
†† 2916	1108 (300v)	1	20	10/30	.016"	.020"	.135"
2917	2095 (300v)	2	20	10/30	.016"	.020"	.200"
2918	2095 (300v)	3	20	10/30	.016"	.020"	.220"
2919	2095 (300v)	4	20	10/30	.016"	.020"	.230"
† 3060	1108 (300v)	1	18	16/30	.016"	.020"	.145"
† 3061	2095 (300v)	2	18	16/30	.016"	.020"	.235"
3062	2095 (300v)	3	18	16/30	.016"	.020"	.245"
3063	2095 (300v)	4	18	16/30	.016"	.020"	.255"
3064	2095 (300v)	2	16	26/30	.016"	.020"	.250"
3065	2095 (300v)	3	16	26/30	.016"	.020"	.255"
3066	2095 (300v)	2	14	41/30	.020"	.020"	.290"

† UV Resistant, CE Compliant

†† Not CL2

UL CL2 + UL 2094

BRAID SHIELDED CONTROL CABLE



OLYMPIC NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.
3005	2	20	26/34	.015"	.030"	.245"
3006	3	20	26/34	.015"	.035"	.250"
† 3007	4	20	26/34	.015"	.035"	.260"
3008	5	20	26/34	.015"	.035"	.275"
3009	6	20	26/34	.015"	.035"	.300"
3010	8	20	26/34	.015"	.035"	.330"
† 3011	10	20	26/34	.015"	.035"	.360"
3012	12	20	26/34	.015"	.035"	.380"
3013	15	20	26/34	.015"	.035"	.410"
3014	20	20	26/34	.015"	.035"	.455"

DESCRIPTION:

Each conductor, stranded tinned copper, color coded, polyethylene insulation, twisted with fillers where necessary, mylar wrap, braided tinned copper shield, gray PVC jacket overall.

TEMPERATURE RATING:

-20°C TO +60°C

SUGGESTED OPERATING VOLTAGE:

300 Volts

COLOR CODE:

1 - Black	5 - Yellow	9 - Slate	13 - White/Green	17 - White/Purple
2 - White	6 - Blue	10 - Purple	14 - White/Yellow	18 - White/Slate
3 - Red	7 - Brown	11 - White/Black	15 - White/Blue	19 - Black/Red
4 - Green	8 - Orange	12 - White/Red	16 - White/Brown	20 - Black/Yellow

† UV Resistant, CE Compliant

Passes the VW-1 vertical flame test



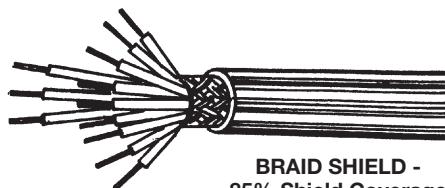
MULTI-CONDUCTOR CABLE

TINNED COPPER SHIELDED

BRAID SHIELDED PVC JACKETED CABLES

SHIELDED CONTROL CABLES - 300 VOLT

UL CM



BRAID SHIELD - 85% Shield Coverage

DESCRIPTION:

Tinned copper conductors, PVC insulated, overall tinned copper braid shield, gray PVC jacket, sunlight resistant, CE compliant.

COLOR CODE: See Chart 2

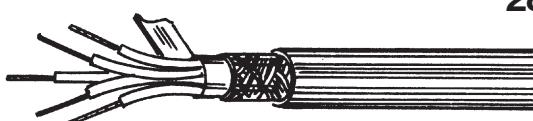
TEMPERATURE RATING: -20°C to +105°C

20 Gage, Stranded Conductors (7x28)

OLYMPIC NO.	UL STYLE NO.	NO. OF COND.	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	NOM. CAP. *pF/ft.
6326	RU 2464 (300V)	6	.016"	.032"	.300"	35
6327	RU 2464 (300V)	12	.016"	.040"	.410"	35

*Capacitance between conductors

MINIATURE SHIELDED CABLE - 600 VOLT



28 AWG MIL-W-16878 Type B Conductor

OLYMPIC NO.	NO. OF COND.	CONDUCTOR AWG	STRAND	NOM. INS. THICK.	NOM. JACKET THICK.	NOM. O.D.
6912	2	28	7/36	.010"	.012"	.125"
6913	3	28	7/36	.010"	.012"	.130"
6914	4	28	7/36	.010"	.012"	.140"
6916	6	28	7/36	.010"	.015"	.170"
6918	8	28	7/36	.010"	.015"	.175"
6920	10	28	7/36	.010"	.018"	.210"
6922	12	28	7/36	.010"	.018"	.215"
6925	15	28	7/36	.010"	.020"	.230"
6930	20	28	7/36	.010"	.022"	.260"

RG58 Thin Net

UL CL2 or CL2P

OLYMPIC NO.	UL STYLE NO.	COND. STRAND DIA.	DIELECTRIC MAT'L DIA.	SHIELD MAT'L % COVERAGE	JACKET NOM. DIA.	NOM. VEL. OF PROP.	NOM. IMPED. (ohms)	NOM. CAP. PF/FT	NOM. ATTENUATION	
									MHz	db/100FT
DESCRIPTION: IEEE 802.3 10 BASE 2 Thin Net	6907	CL2 NON PLENUM	20 (19/32 T.C.)	Foam PE .103"	Alum/Mylar/Alum + T.C. Braid 95% Coverage	PVC Light Gray .182"	80%	50	25.0	1 .43 10 1.3 100 4.2 200 6.1
	6907T	CL2P PLENUM	20 (19/32 T.C.)	Foamed FEP .095"	Alum/Mylar/Alum + T.C. Braid 95% Coverage	Kynar Flex ³ Gray .158"	80%	50	25.4	1 .43 10 1.3 100 4.2 200 6.1



MULTI-CONDUCTOR CABLE

TINNED COPPER SHIELDED

UL CM

BRAID SHIELDED PVC JACKETED CABLE



DESCRIPTION:

Tinned copper, PVC insulated, twisted pair, 22 AWG solid tinned copper drain wire, tinned copper braided shield (88% coverage), black PVC jacket.

COLOR CODE: Black, Red

Tinned copper, PVC insulated, twisted pair, 22 AWG stranded tinned copper drain wire, tinned copper braid shield (86% coverage), black PVC jacket.

COLOR CODE: Black, Red

OLYMPIC NO.	UL STYLE NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	SUGG. NOM. O.D.	WORKING VOLTAGE
2911	RJ 2095 (300V)	2	22	Solid	.015"	.025"	.200"	300
2958		2	22	7/30	.015"	.025"	.210"	300

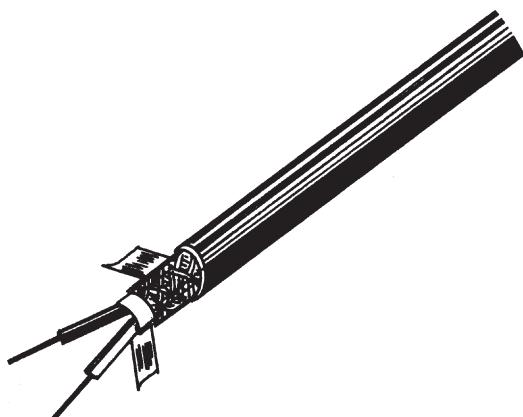
2911 2 22 Solid .015" .025" .200" 300

2958 2 22 7/30 .015" .025" .210" 300

BRAID SHIELDED NEOPRENE JACKETED CABLE

DESCRIPTION:

Each conductor stranded tinned copper, color coded rubber insulation, twisted with fillers where necessary, wrap, braided tinned copper shield, wrap, black neoprene jacket overall.



OLYMPIC NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	SUGG. WORKING VOLTAGE
3540	2	18	41/34	.020"	.035"	.290"	600
3541	3	18	41/34	.020"	.035"	.305"	600
3542	4	18	41/34	.020"	.035"	.325"	600
3543	6	18	41/34	.020"	.035"	.350"	600
3544	8	18	41/34	.020"	.035"	.400"	600
3545	10	18	41/34	.020"	.035"	.445"	600
3546	12	18	41/34	.020"	.065"	.530"	600
3547	15	18	41/34	.020"	.065"	.570"	600
3548	20	18	41/34	.020"	.065"	.625"	600
3549	2	16	65/34	.025"	.035"	.335"	600
3550	3	16	65/34	.025"	.035"	.355"	600
3551	4	16	65/34	.025"	.035"	.385"	600
3552	6	16	65/34	.025"	.040"	.445"	600
3553	8	16	65/34	.025"	.040"	.510"	600
3560	2	14	41/30	.030"	.040"	.395"	600
3561	3	14	41/30	.030"	.040"	.425"	600
3562	4	14	41/30	.030"	.040"	.455"	600
3564	6	14	41/30	.030"	.040"	.515"	600
3570	2	12	65/30	.030"	.040"	.440"	600
3571	3	12	65/30	.030"	.040"	.465"	600
3580	2	10	105/30	.030"	.040"	.495"	600

TEMPERATURE RATING:
-20°C TO +60°C

COLOR CODE:	1 - Black	5 - Yellow	9 - Slate	13 - White/Green (Braid)	17 - White/Purple (Braid)
	2 - White	6 - Blue	10 - Purple	14 - White/Yellow (Braid)	18 - White/Slate (Braid)
	3 - Red	7 - Brown	11 - White/Black (Braid)	15 - White/Blue (Braid)	19 - Black/Red (Braid)
	4 - Green	8 - Orange	12 - White/Red (Braid)	16 - White/Brown (Braid)	20 - Black/Yellow (Braid)



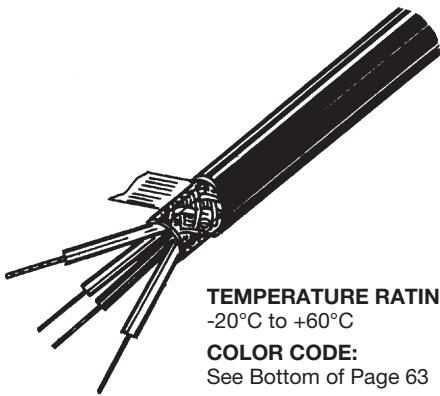
MULTI-CONDUCTOR CABLE

TINNED COPPER SHIELDED

BRAID SHIELDED RUBBER JACKETED CABLE

DESCRIPTION:

Each conductor, stranded tinned copper, color coded rubber insulation, twisted with fillers where necessary, mylar wrap, braided tinned copper shield, wrap, black rubber jacket overall.



TEMPERATURE RATING:
-20°C to +60°C

COLOR CODE:
See Bottom of Page 63

OLYMPIC NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JKT. THICK.	NOM. O.D.	SUG. WORK VOLT
3500	2	20	26x34	.020"	.035"	.260"	600
3501	3	20	26x34	.020"	.035"	.275"	600
3502	4	20	26x34	.020"	.035"	.295"	600
3503	5	20	26x34	.020"	.035"	.320"	600
3504	6	20	26x34	.020"	.035"	.340"	600
3505	7	20	26x34	.020"	.035"	.340"	600
3506	8	20	26x34	.020"	.035"	.365"	600
3507	10	20	26x34	.020"	.035"	.405"	600
3508	12	20	26x34	.020"	.065"	.485"	600
3509	15	20	26x34	.020"	.065"	.525"	600
3510	20	20	26x34	.020"	.065"	.570"	600

MIL-W-16878 TYPE B/NYLON SHIELDED CABLES

DESCRIPTION:

Stranded tinned copper, PVC insulated, clear nylon jacket, conductors twisted, 90% tinned copper braid shield, white PVC jacket overall.

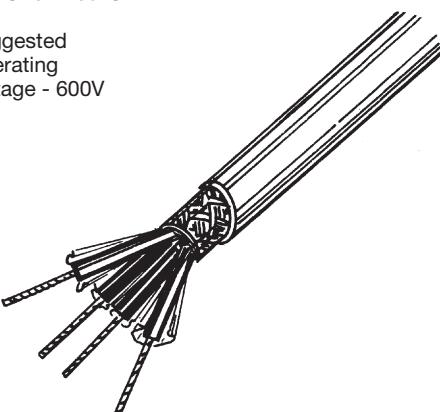
Nominal nylon thickness: .003"

* Nominal nylon thickness: .004"

TEMPERATURE RATING:

-55°C to +105°C

Suggested
Operating
Voltage - 600V



OLYMPIC NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. OVERALL JACKET	NOM. O.D.
2920	1	26	7/34	.010"	.010"	.087"
2921	2	26	7/34	.010"	.014"	.138"
2922	3	26	7/34	.010"	.014"	.142"
2923	4	26	7/34	.010"	.016"	.162"
2924	1	24	19/36	.010"	.010"	.092"
2925	2	24	19/36	.010"	.016"	.152"
2926	3	24	19/36	.010"	.016"	.161"
2927	4	24	19/36	.010"	.017"	.171"
2928	1	22	19/34	.010"	.010"	.100"
2929	2	22	19/34	.010"	.016"	.168"
2930	3	22	19/34	.010"	.017"	.178"
2931	4	22	19/34	.010"	.019"	.194"
2932	1	20	19/32	.010"	.010"	.106"
2933	2	20	19/32	.010"	.019"	.186"
2934	3	20	19/32	.010"	.019"	.196"
2935	4	20	19/32	.010"	.021"	.218"
2936	1	18	19/30	.010"	.012"	.130"
2937	2	18	19/30	.010"	.021"	.210"
2938	3	18	19/30	.010"	.022"	.227"
2939	4	18	19/30	.010"	.023"	.250"
2940	1	16	19/29	.012"	.016"	.137"
*2941	2	16	19/29	.012"	.025"	.218"
*2942	3	16	19/29	.012"	.025"	.256"
*2943	4	16	19/29	.012"	.027"	.274"

Passes the VW-1 vertical flame test

RoHS Compliant



MULTI-CONDUCTOR CABLE

SILVER PLATED COPPER SHIELDED

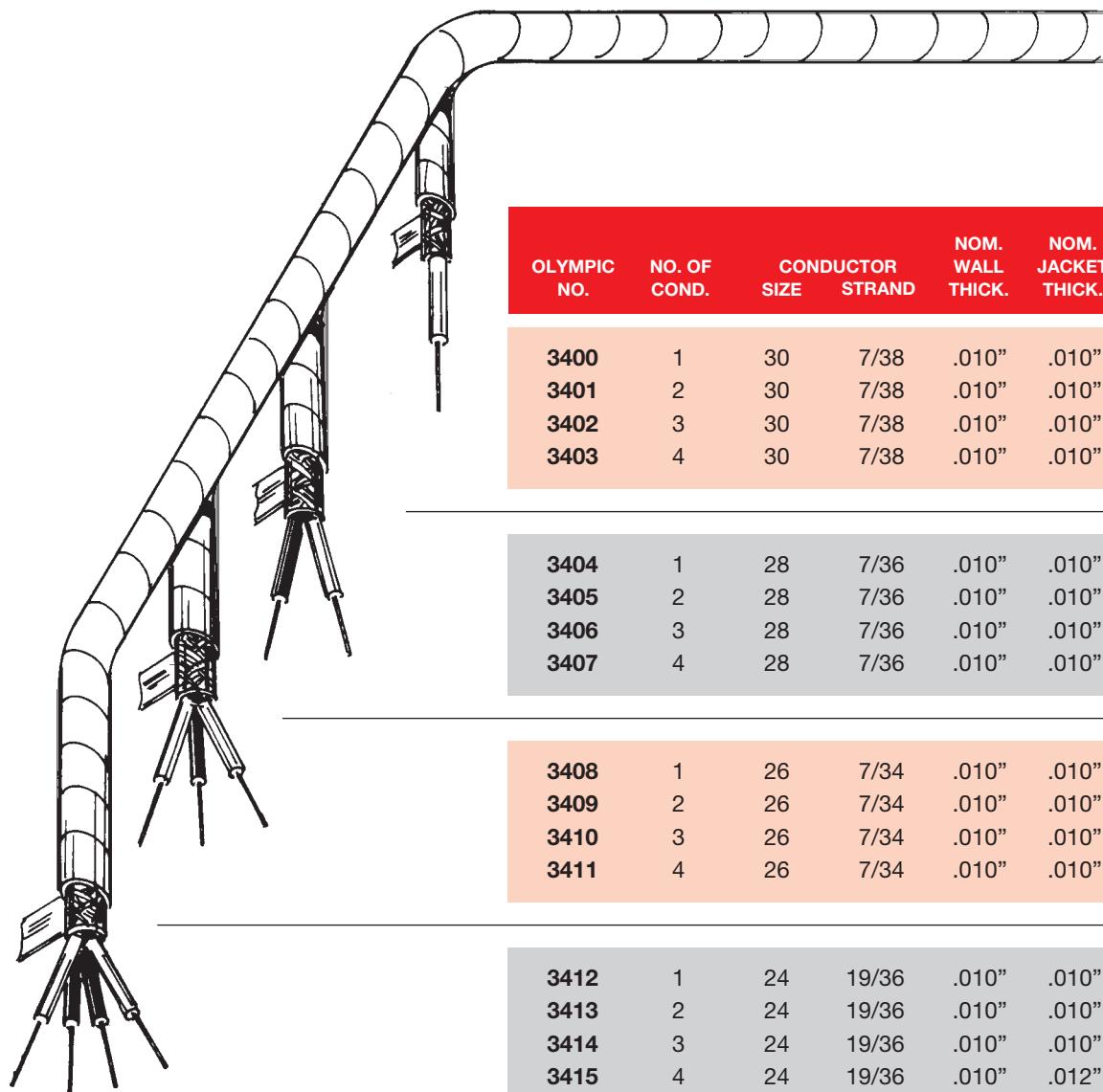
MIL-W-16878 TYPE E PTFE SHIELDED CABLE

DESCRIPTION:

Stranded silver plated copper conductors, insulated with Type E extruded PTFE, color coded, twisted, braided silver plated copper shield (90% coverage), white PTFE tape wrapped jacket.

TEMPERATURE RATING:

-65°C to 200°C



OLYMPIC NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLT.
3400	1	30	7/38	.010"	.010"	.070"	600
3401	2	30	7/38	.010"	.010"	.105"	600
3402	3	30	7/38	.010"	.010"	.111"	600
3403	4	30	7/38	.010"	.010"	.119"	600

3404	1	28	7/36	.010"	.010"	.073"	600
3405	2	28	7/36	.010"	.010"	.113"	600
3406	3	28	7/36	.010"	.010"	.119"	600
3407	4	28	7/36	.010"	.010"	.127"	600

3408	1	26	7/34	.010"	.010"	.077"	600
3409	2	26	7/34	.010"	.010"	.121"	600
3410	3	26	7/34	.010"	.010"	.126"	600
3411	4	26	7/34	.010"	.010"	.137"	600

3412	1	24	19/36	.010"	.010"	.086"	600
3413	2	24	19/36	.010"	.010"	.129"	600
3414	3	24	19/36	.010"	.010"	.136"	600
3415	4	24	19/36	.010"	.012"	.147"	600

COLOR CODE:

- 1 - White
- 2 - White, Black
- 3 - White, Black, Red
- 4 - White, Black, Red, Green

Passes the VW-1 vertical flame test



MULTI-CONDUCTOR CABLE

SILVER PLATED COPPER SHIELDED

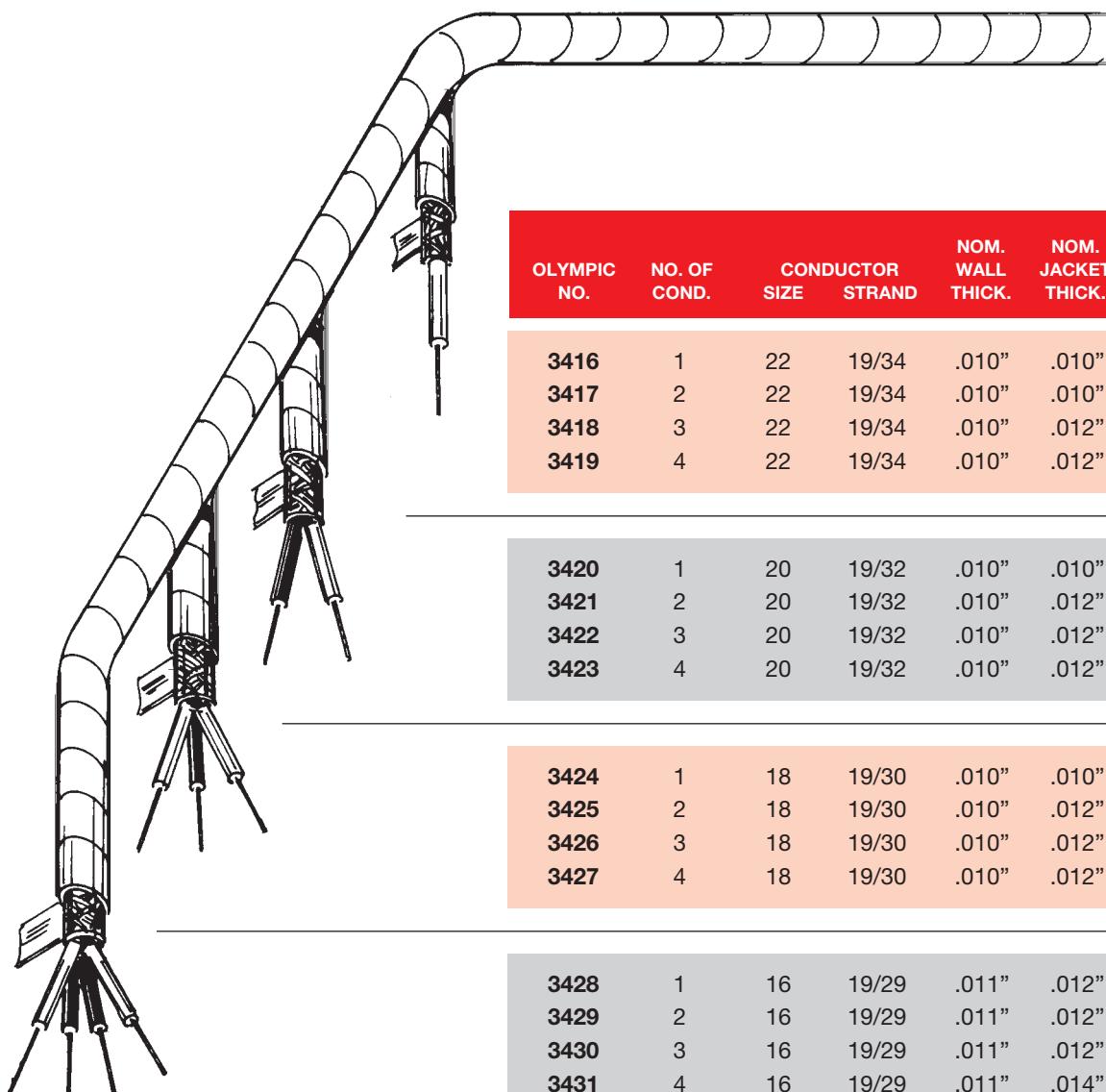
MIL-W-16878 TYPE E PTFE SHIELDED CABLES

DESCRIPTION:

Stranded silver plated copper conductors, insulated with Type E extruded PTFE, color coded, twisted, braided silver plated copper shield (90% coverage), white PTFE tape wrapped jacket.

TEMPERATURE RATING:

-65°C to 200°C



OLYMPIC NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. WALL THICK.	NOM. JACKET THICK.	NOM. O.D.	SUGG. WORK. VOLT.
3416	1	22	19/34	.010"	.010"	.092"	600
3417	2	22	19/34	.010"	.010"	.141"	600
3418	3	22	19/34	.010"	.012"	.149"	600
3419	4	22	19/34	.010"	.012"	.161"	600

3420	1	20	19/32	.010"	.010"	.100"	600
3421	2	20	19/32	.010"	.012"	.157"	600
3422	3	20	19/32	.010"	.012"	.166"	600
3423	4	20	19/32	.010"	.012"	.185"	600

3424	1	18	19/30	.010"	.010"	.110"	600
3425	2	18	19/30	.010"	.012"	.183"	600
3426	3	18	19/30	.010"	.012"	.194"	600
3427	4	18	19/30	.010"	.012"	.210"	600

3428	1	16	19/29	.011"	.012"	.120"	600
3429	2	16	19/29	.011"	.012"	.203"	600
3430	3	16	19/29	.011"	.012"	.215"	600
3431	4	16	19/29	.011"	.014"	.235"	600

COLOR CODE:

- 1 - White
- 2 - White, Black
- 3 - White, Black, Red
- 4 - White, Black, Red, Green

Passes the VW-1 vertical flame test

RoHS Compliant



INSTRUMENTATION CABLE

Tray Cable TC-ER - Multi-Pair, Overall Shielded Instrumentation, Direct Burial 600V 90°C

DESCRIPTION:
 Stranding: 7 Bare Copper
 Insulation: PVC/Nylon
 Overall Aluminum Mylar Shielded,
 with stranded tinned copper drain wires
 Pairs or Triads.

Jacket: PVC, Black
 Sunlight Resistant. Direct Burial.

Specifications:

- UL Subject 1277 TC-ER
- UL 1685 (UL) Vertical Tray Flame
- NEC Type TC-ER Listed, which is approved for cable tray use in Class 1, Division 2 areas, per NEC Articles 340, 318 and 501 and for Class 1 circuits as permitted in Article 725.
- PVC-Nylon/PVC, cables meet IEEE 1202/IEEE 383, FT4 (70,000 BTU) Flame Test.

Color Code:
 • Pairs - Black and White Numbered
 • Triad - Black, White and Red

* Black, Red, Blue

OLYMPIC PN	CONDUCTOR SIZE	NUMBER OF PAIRS	NOM. JACKET THICKNESS	NOM. O.D. INCH
* 8202S	18 AWG	1 Triad	.045 in	.274 in
9862	18 AWG	2	.045 in	.388 in
9863	18 AWG	3	.045 in	.418 in
9864	18 AWG	4	.045 in	.447 in
9864/6	18 AWG	6	.045 in	.515 in
9865	18 AWG	8	.060 in	.596 in
9866	18 AWG	12	.060 in	.698 in
9867	18 AWG	16	.060 in	.783 in
9868	18 AWG	24	.080 in	.968 in
9887	18 AWG	36	.080 in	1.095 in
9888	18 AWG	50	.080 in	1.257 in
* 8302S	16 AWG	1 Triad	.045 in	.296 in
9869	16 AWG	2	.045 in	.423 in
9869/3	16 AWG	3	.045 in	.456 in
9870	16 AWG	4	.045 in	.489 in
9870/6	16 AWG	6	.060 in	.595 in
9871	16 AWG	8	.060 in	.652 in
9872	16 AWG	12	.060 in	.766 in
9873	16 AWG	16	.080 in	.901 in
9874	16 AWG	24	.080 in	1.063 in
9889	16 AWG	36	.080 in	1.205 in
9890	16 AWG	50	.080 in	1.386 in

Tray Cable TC-ER - Multi-Triad, Individual Plus Overall Shielded Instrumentation, Direct Burial 600V 90°C

DESCRIPTION:
 Stranding: 7 Bare Copper
 Insulation: PVC/Nylon
 Individual & Overall Aluminum Mylar Shielded,
 with stranded tinned copper drain wires
 Jacket: PVC, Black
 Sunlight resistant. Direct Burial.
 Color Code:
 • Triads - Black, White and Red Numbered

OLYMPIC PN	CONDUCTOR SIZE	NUMBER OF TRIADS	NOM. JACKET THICKNESS	NOM. O.D. INCH
9897	16 AWG	4	.050 in	.594 in
9898	16 AWG	8	.060 in	.784 in
9899	16 AWG	12	.060 in	.975 in
9898/16	16 AWG	16	.060 in	1.088 in
9900	16 AWG	24	.080 in	1.500 in



INSTRUMENTATION CABLE

Tray Cable TC-ER - Multi-Pair, Individual Plus Overall Shielded Instrumentation, Direct Burial 600V 90°C

DESCRIPTION:

Stranding: 7 Bare Copper
Insulation: PVC/Nylon
Individual & Overall Aluminum Mylar Shielded,
with stranded tinned copper drain wires

Jacket: PVC, Black

Sunlight resistant. Direct Burial.

Specifications:

- UL Subject 1277 TC-ER
- UL 1685 (UL) Vertical Tray Flame
- NEC Type TC-ER Listed, which is approved for cable tray use in Class 1, Division 2 areas, per NEC Articles 340, 318 and 501 and for Class 1 circuits as permitted in Article 725.
- PVC-Nylon/PVC, cables meet IEEE 1202/IEEE 383, FT4 (70,000 BTU) Flame Test.

Color Code:

- Pairs - Black and White Numbered

OLYMPIC PN	CONDUCTOR SIZE	NUMBER OF PAIRS	NOM. JACKET THICKNESS	NOM. O.D. INCH
9848	18 AWG	2	.045 in	.396 in
9848/3	18 AWG	3	.045 in	.422 in
9849	18 AWG	4	.045 in	.49 in
9849/6	18 AWG	6	.06 in	.554 in
9850	18 AWG	8	.06 in	.605 in
9851	18 AWG	12	.06 in	.707 in
9852	18 AWG	16	.06 in	.792 in
9853	18 AWG	24	.08 in	.976 in
9854	18 AWG	36	.08 in	1.104 in
9838	18 AWG	50	.08 in	1.265 in
9855	16 AWG	2	.045 in	.432 in
60548	16 AWG	3	.045 in	.461 in
9839	16 AWG	4	.06 in	.567 in
9840	16 AWG	6	.06 in	.605 in
9841	16 AWG	8	.06 in	.662 in
9842	16 AWG	12	.06 in	.776 in
9843	16 AWG	16	.08 in	.911 in
9844	16 AWG	20	.08 in	.949 in
9845	16 AWG	24	.08 in	1.072 in
9846	16 AWG	36	.08 in	1.215 in
9847	16 AWG	50	.08 in	1.395 in



INSTRUMENTATION CABLE

Power Limited Tray Cable - Multi-Pair, Individual Plus Overall Shielded Instrumentation 300V 105°C PLTC/ITC

DESCRIPTION:
 Stranding: 7 Bare Copper
 Insulation: PVC .015"
 Individual & Overall Aluminum Mylar
 Shielded Pairs,
 with stranded tinned copper drain wires
 Jacket: PVC, Black
 Sunlight resistant.

Specifications:
 • UL Subject 13
 • NEC Article 725 Class 2 and Class 3 Circuits
 • NEC Type PLTC Listed, which is approved
 for cable tray use in Class 1, Division 2,
 hazardous areas and non-hazardous areas,
 cable trays, raceways and conduit.

• Sunlight-resistant
 • Oil-resistant
 • UL 1685 (UL 1581) Vertical Tray Flame
 • Flame Test CMG, FT4, IEEE 1202 and
 IEE 383 rated.

Color Code:
 • Pairs - Black and White Numbered

OLYMPIC PN	CONDUCTOR SIZE	NUMBER OF PAIRS	NOM. JACKET THICKNESS	NOM. O.D. INCH
9875	20 AWG	2	.040 in	.292 in
9876	20 AWG	4	.042 in	.416 in
9877	20 AWG	8	.050 in	.481 in
9878	20 AWG	12	.060 in	.534 in
9879	20 AWG	16	.060 in	.586 in
9891	20 AWG	20	.060 in	.636 in
9880	20 AWG	24	.060 in	.686 in
9881	20 AWG	36	.070 in	1.015 in
9882	20 AWG	50	.070 in	1.190 in
9884	18 AWG	2	.042 in	.296 in
1002	18 AWG	4	.050 in	.416 in
1003	18 AWG	8	.060 in	.571 in
1004	18 AWG	12	.060 in	.638 in
1005	18 AWG	24	.070 in	1.040 in
9884/36	18 AWG	36	.070 in	1.215 in
9884/50	18 AWG	50	.080 in	1.450 in
9902	16 AWG	2	.050 in	.406 in
9902/4	16 AWG	4	.050 in	.506 in
9902/8	16 AWG	8	.050 in	.585 in
9902/12	16 AWG	12	.060 in	.707 in
9902/24	16 AWG	24	.070 in	1.165 in
9902/36	16 AWG	36	.080 in	1.390 in
9902/50	16 AWG	50	.090 in	1.655 in

Power Limited Tray Cable - Unshielded Instrumentation

300V 105°C PLTC

DESCRIPTION:
 Stranding: 7 Bare Copper
 Insulation: PVC .015"
 Jacket: PVC, Black
 Sunlight resistant.
 Color Code:
 • Triad - Black, White and Red

OLYMPIC PN	CONDUCTOR SIZE	NUMBER OF TRIADS	NOM. JACKET THICKNESS	NOM. O.D. INCH
9834	16 AWG	1 Triad	.040 in	.282 in



INSTRUMENTATION CABLE

Power Limited Tray Cable - Multi-Triad, Individual Plus Overall Shielded Instrumentation

300V 105°C PLTC/ITC

DESCRIPTION:

Stranding: 7 Bare Copper
Insulation: PVC .015"
Individual & Overall Aluminum Mylar Shielded,
with stranded tinned copper drain wires

Jacket: PVC, Black

Sunlight resistant.

Specifications:

- UL Subject 13
- NEC Article 725 Class 2 and Class 3 Circuits
- NEC Type PLTC Listed, which is approved for cable tray use in Class 1, Division 2, hazardous areas and non-hazardous areas, cable trays, raceways and conduit.
- Sunlight-resistant
- Oil-resistant
- UL 1685 (UL 1581) Vertical Tray Flame
- Flame Test CMG, FT4, IEEE 1202 and IEE 383 rated.

Color Code:

- Triads - Black, White and Red Numbered

OLYMPIC PN	CONDUCTOR SIZE	NUMBER OF TRIADS	NOM. JACKET THICKNESS	NOM. O.D. INCH
9883	20 AWG	4	.040 in	.365 in
9885/8	20 AWG	8	.050 in	.566 in
9885	20 AWG	12	.060 in	.705 in
9885/24	20 AWG	24	.070 in	.955 in
9885/36	20 AWG	36	.070 in	1.115 in
9886	18 AWG	4	.050 in	.444 in
9887/6	18 AWG	6	.060 in	.691 in
9887/8	18 AWG	8	.060 in	.840 in
9887/12	18 AWG	12	.070 in	.960 in
9889/24	18 AWG	24	.070 in	1.145 in
9889/36	18 AWG	36	.080 in	1.365 in

Power Limited Tray Cable - Pairs or Triads, Overall Shielded Instrumentation

300V 105°C PLTC/ITC

DESCRIPTION:

Stranding: 7 Bare Copper
Insulation: PVC .015"
Overall Aluminum Mylar Shielded,
with stranded tinned copper drain wires

Pairs or Triads.

Jacket: PVC, Black

Sunlight resistant.

Specifications:

- UL Subject 13
- NEC Article 725 Class 2 and Class 3 Circuits
- NEC Type PLTC Listed, which is approved for cable tray use in Class 1, Division 2, hazardous areas and non-hazardous areas, cable trays, raceways and conduit.
- Sunlight-resistant
- Oil-resistant
- UL 1685 (UL 1581) Vertical Tray Flame
- Flame Test CMG, FT4, IEEE 1202 and IEE 383 rated.

Color Code:

- Pairs - Black and White Numbered
- Triad - Black, White and Red

OLYMPIC PN	CONDUCTOR SIZE	NUMBER OF PAIRS	NOM. JACKET THICKNESS	NOM. O.D. INCH
9833	20 AWG	1	.040 in	.210 in
9856	20 AWG	4	.040 in	.353 in
9857	20 AWG	8	.040 in	.444 in
9858	20 AWG	12	.050 in	.542 in
9859	20 AWG	16	.050 in	.607 in
9833/3	20 AWG	1 Triad	.035 in	.213 in
9832	18 AWG	1	.035 in	.220 in
9832/2	18 AWG	2	.042 in	.375 in
9832/3	18 AWG	3	.053 in	.415 in
9832/4	18 AWG	4	.053 in	.452 in
9832/8	18 AWG	8	.053 in	.523 in
9832/12	18 AWG	12	.064 in	.673 in
9832/16	18 AWG	16	.066 in	.713 in
9832/24	18 AWG	24	.074 in	.932 in
9832/36	18 AWG	36	.074 in	1.062 in
9832/50	18 AWG	50	.074 in	1.240 in
9836	18 AWG	1 Triad	.035 in	.233 in
9830	16 AWG	1	.035 in	.240 in
9831	16 AWG	1 Triad	.040 in	.297 in



POWER LIMITED CIRCUIT CABLE

Power Limited Circuit Cable. California State Fire Marshall listed.105°, 300V meets Article 725 of the NEC. Also marked as Tray Cable suitable for class 2 & 3 circuits. Passes the UL 70,000 BTU Flame and Tray Cable test which is comparable to the IEEE 383 Flame Test, Sunlight Resistant.

PLTC UL SUBJECT 13

-30°C + 105°C-300 V

Two Conductor Unshielded Cables



DESCRIPTION:

Tinned copper, PVC insulation, conductors twisted, chrome PVC jacket

COLOR CODE:

Black, Red



**PLTC
LISTED
300V**



OLYMPIC NO.	AWG (STRANDING)	INSUL. THICKNESS	NOM. JKT. THICKNESS	NOM. O.D.
3130	22 (7x30)	.016"	.038"	.200"
3131	20 (10x30)	.016"	.038"	.214"
† 3132	18 (19x30)	.016"	.038"	.230"
3133	16 (26x30)	.016"	.038"	.260"
3134	14 (41x30)	.020"	.043"	.324"
3135	12 (65x30)	.032"	.053"	.410"

† CE Compliant

Two Conductor Shielded Cables



DESCRIPTION:

Tinned copper, PVC insulation, conductors twisted, with aluminum mylar shield and drain wire, chrome PVC jacket

COLOR CODE:

Black, Red



**PLTC
LISTED
300V**



OLYMPIC NO.	AWG (STRANDING)	INSUL. THICKNESS	DRAIN WIRE (AWG)	NOM. JKT. THICKNESS	NOM. O.D.
3140	22 (7x30)	.016"	22 (7x30)	.038"	.202"
3141	20 (10x30)	.016"	22 (7x30)	.038"	.216"
† 3142	18 (19x30)	.016"	20 (10x30)	.038"	.236"
3143	16 (26x30)	.016"	18 (16x30)	.038"	.262"
3144	14 (41x30)	.022"	16 (26x30)	.043"	.326"
3145	12 (65x30)	.032"	14 (41x30)	.053"	.412"

† CE Compliant

Passes the VW-1 vertical flame test



POWER LIMITED CIRCUIT CABLE

Meets Article 725 of the NEC. Also marked as Tray Cable suitable for class 2 & 3 circuits.
Passes the UL 70,000 BTU Flame and Tray Cable test which is comparable to the
IEEE 383 Flame Test, Sunlight Resistant.

PLTC UL SUBJECT 13
-30°C + 105°C-300 V

Three Conductor Unshielded Cable

**DESCRIPTION:**

Tinned copper, PVC insulated,
conductors twisted, chrome PVC jacket

COLOR CODE:
Black, Red, White

OLYMPIC NO.	AWG (STRANDING)	INSUL. THICKNESS	NOM. JKT. THICKNESS	NOM. O.D.
3150	22 (7x30)	.016"	.038"	.210"
† 3151	20 (10x30)	.016"	.038"	.225"
3152	18 (19x30)	.016"	.038"	.246"
3153	16 (19x30)	.016"	.038"	.274"
3154	14 (41x30)	.022"	.043"	.342"

† CSA AWM I/II A/B, CE Compliant

Three Conductor Shielded Cable

**DESCRIPTION:**

Tinned copper, PVC insulated,
conductors twisted, overall aluminum
mylar shield and drain wire, chrome
PVC jacket

COLOR CODE:
Black, Red, White

OLYMPIC NO.	AWG (STRANDING)	INSUL. THICKNESS	NOM. JKT. THICKNESS	NOM. O.D.
3160	22 (7x30)	.016"	.038"	.212"
3161	20 (10x30)	.016"	.038"	.227"
3162	18 (19x30)	.016"	.038"	.248"
3163	16 (26x30)	.020"	.038"	.276"
3164	14 (41x30)	.020"	.043"	.344"

Passes the VW-1 vertical flame test

RoHS Compliant

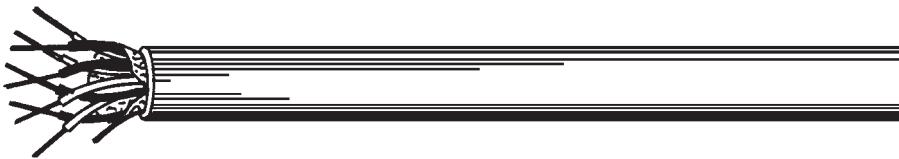


POWER LIMITED CIRCUIT CABLE

Meets Article 725 of the NEC. Also marked as Tray Cable suitable for class 2 & 3 circuits.
Passes the UL 70,000 BTU Flame and Tray Cable test which is comparable to the
IEEE 383 Flame Test, Sunlight Resistant.

PLTC UL SUBJECT 13
-30°C + 105°C-300 V

Overall Shielded Paired Cable 22 AWG (7x30)



DESCRIPTION:
Tinned copper, PVC insulation, conductors twisted,
overall aluminum mylar shield and drain wire,
chrome PVC jacket

COLOR CODE:
Conductor pairs are color coded black and red.
Multipairs are numbered at 1 inch intervals.



OLYMPIC NO.	NO. OF PAIRS	INSUL. THICKNESS	NOM. JKT. THICKNESS	NOM. O.D.
†† 3170	2	.016"	.043"	.310"
† 3171	3	.016"	.043"	.326"
† 3172	4	.016"	.043"	.353"
† 3173	6	.016"	.053"	.425"
3174	9	.016"	.053"	.488"
3175	11	.016"	.053"	.536"
3176	15	.016"	.053"	.594"
3177	19	.016"	.063"	.741"
3178	27	.016"	.063"	.761"
3179	51	.016"	.075"	.950"

† CE Compliant, †† ITC, CL3

Overall Shielded Paired Cable 18 AWG (19x30)

DESCRIPTION:
Tinned copper, PVC insulated, conductors twisted,
overall aluminum mylar shield and drain wire,
chrome PVC jacket

COLOR CODE:
Conductor pairs are color coded black and red.
Multipairs are numbered at 1 inch intervals.



OLYMPIC NO.	NO. OF PAIRS	INSUL. THICKNESS	NOM. JKT. THICKNESS	NOM. O.D.
† 3180	2	.016"	.043"	.376"
† 3181	3	.016"	.053"	.416"
† 3182	4	.016"	.053"	.451"
† 3183	6	.016"	.053"	.516"
3184	9	.016"	.053"	.596"
3185	11	.016"	.063"	.676"
3186	15	.016"	.063"	.751"

† CE Compliant

Passes the VW-1 vertical flame test



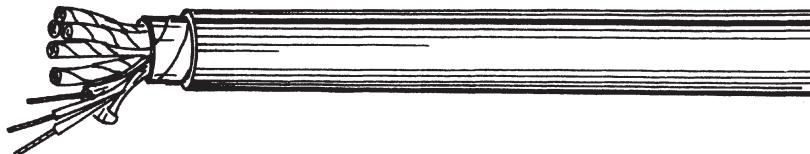
POWER LIMITED CIRCUIT CABLE

Meets Article 725 of the NEC. Also marked as Tray Cable suitable for class 2 & 3 circuits.
Passes the UL 70,000 BTU Flame and Tray Cable test which is comparable to the
IEEE 383 Flame Test, Sunlight Resistant.

PLTC UL SUBJECT 13
-30°C + 105°C-300 V

MULTI PAIR, INDIVIDUALLY SHIELDED CABLE

22 AWG (7x30)



DESCRIPTION:

Tinned copper, PVC insulation, twisted pairs,
each with aluminum mylar shield & drain wire,
chrome PVC jacket

COLOR CODE:

Conductor pairs are color coded black and red.
Multipairs are numbered at one inch intervals.



OLYMPIC NO.	NO. OF PAIRS	INSUL. THICKNESS	NOM. JKT. THICKNESS	NOM. O.D.
3187	2	.016"	.043"	.316"
3188	3	.016"	.043"	.331"
3189	4	.016"	.043"	.360"
3190	6	.016"	.053"	.431"
3191	9	.016"	.053"	.500"
3192	11	.016"	.053"	.551"
3193	15	.016"	.053"	.606"
3194	19	.016"	.063"	.646"
3195	27	.016"	.063"	.776"
3196	51	.016"	.075"	1.030"

MULTI PAIR, INDIVIDUALLY SHIELDED CABLE

18 AWG (19x30)

DESCRIPTION:

Tinned copper, PVC insulation, twisted pairs,
each with aluminum mylar shield & drain wire,
chrome PVC jacket

COLOR CODE:

Conductor pairs are color coded black and red.
Multipairs are numbered at one inch intervals.



OLYMPIC NO.	NO. OF PAIRS	INSUL. THICKNESS	NOM. JKT. THICKNESS	NOM. O.D.
3197	2	.016"	.043"	.381"
3198	3	.016"	.053"	.421"
3199	4	.016"	.053"	.456"
3200	6	.016"	.053"	.546"
3201	9	.016"	.063"	.666"
3202	11	.016"	.063"	.686"
3203	15	.016"	.063"	.766"



Passes the VW-1 vertical flame test



CONTROL & TRAY CABLES

UNSHIELDED/PVC JACKET
DIRECT BURIAL

-25°C + 90°C DRY, 75°C WET-600 VOLTS, UL TYPE TC-ER

UL SUBJECT 1277 NEC ART.340 Class 1, Div. 11
IPCEA S-61-402, IEEE 383 Flame Test

† Quad Rated: TC-ER, PLTC, NPLF, FPL

DESCRIPTION:

Stranded bare copper, .015 PVC insulation and .004 clear nylon fillers where necessary, and covered with binder tape, black PVC jacket.

CHARACTERISTICS:

Sunlight & Oil Resistant
Flame Retardant
Suitable for outdoor use

Temperature Rating: -25°C +90°C

Voltage Rating: 600V



Color Code: Chart 10

18 AWG, STRANDED BARE COPPER

OLYMPIC NO.	NUMBER OF COND.	NOM. JACKET THICKNESS	NOM. O.D.
8200	2 (flat)	.045"	.180" x .270"
8202	3	.045"	.285"
8203	4	.045"	.297"
8204	5	.045"	.322"
† 8205	6	.045"	.330"
8206	7	.045"	.348"
8207	8	.045"	.380"
8209	10	.045"	.438"
8210	12	.045"	.447"
8213	15	.045"	.481"
8221	19	.060"	.550"
8245	25	.060"	.650"
8250	37	.060"	.722"

14 AWG, STRANDED BARE COPPER

8400	2 (flat)	.045"	.203" x .316"
† 8402	3	.045"	.334"
† 8403	4	.045"	.365"
8404	5	.045"	.395"
8406	7	.045"	.429"
8408	9	.045"	.499"
8409	10	.060"	.595"
8410	12	.060"	.610"
8415	16	.060"	.675"
8421	19	.060"	.685"
8440	20	.060"	.745"
8445	25	.060"	.794"
8449	30	.080"	.884"
8450	37	.080"	.951"

10 AWG, STRANDED BARE COPPER*

8600	2 (flat)	.045"	.260" x .430"
8602	3	.045"	.460"
8603	4	.045"	.505"
8604	5	.060"	.585"
8606	7	.060"	.635"
8608	9	.060"	.740"
8610	12	.080"	.875"
8615	16	.080"	.970"

*10AWG Insulation thickness .020"

OLYMPIC NO.	NUMBER OF COND.	NOM. JACKET THICKNESS	NOM. O.D.
8300	2 (flat)	.045"	.189" x .288"
† 8302	3	.045"	.298"
8303	4	.045"	.328"
8304	5	.045"	.357"
8306	7	.045"	.387"
8308	9	.045"	.440"
8309	10	.045"	.460"
8310	12	.045"	.500"
8315	16	.060"	.605"
8321	19	.060"	.615"
8340	20	.060"	.665"
8345	25	.060"	.706"
8349	30	.060"	.754"
8350	37	.080"	.813"

12 AWG, STRANDED BARE COPPER

8500	2 (flat)	.045"	.260" x .354"
8502	3	.045"	.375"
8503	4	.045"	.408"
8504	5	.045"	.446"
8506	7	.045"	.486"
8508	9	.060"	.597"
8509	10	.060"	.665"
8510	12	.060"	.669"
8513	15	.060"	.760"
8515	16	.060"	.760"
8521	19	.060"	.780"
8540	20	.080"	.885"
8545	25	.080"	.941"
8549	30	.080"	1.006"
8550	37	.080"	1.110"

Passes the VW-1 vertical flame test



CONTROL & TRAY CABLES

DIRECT BURIAL, SHIELDED

-25°C + 90°C DRY 75°C WET-600 VOLTS, UL TYPE TC-ER

UL SUBJECT 1277
OSHA ACCEPTABLE
IEEE-383

DESCRIPTION:

Stranded bare copper conductors,
color coded PVC insulation with overall nylon jacket,
sizes 18 and 16 AWG are rated TFFN,
sizes 14, 12 and 10 AWG are rated VW-1 THHN/THWN,
conductors are twisted with fillers as needed,
polyester binder tape,
stranded tinned copper drain wire,
alum-mylar shield (100% coverage),
black PVC jacket

† Quad Rated: TC-ER, PLTC, NPLF, FPL

APPLICATIONS:

For use in Class 1, Division 2 hazardous locations;
for installation in trays, wireways, ducts, conduit and
aerially when properly supported by a messenger;
approved for direct burial, wet or dry locations and outdoors
in cable trays where a sunlight and oil resistant rating is required

COLOR CODE:

See Chart 10

OLYMPIC NO.	NUMBER OF COND.	JACKET THICKNESS	NOM. O.D.
18 AWG, STRANDED 7 x .0152			
† 8200S	2	.045"	.270"
8202S	3	.045"	.280"
† 8203S	4	.045"	.298"
† 8205S	6	.045"	.360"
8210S	12	.045"	.460"

OLYMPIC NO.	NUMBER OF COND.	JACKET THICKNESS	NOM. O.D.
14 AWG, STRANDED 7 x .0242			
8400S	2	.045"	.318"
† 8402S	3	.045"	.337"
† 8403S	4	.045"	.364"
8404S	5	.045"	.397"
8406S	7	.045"	.431"
8410S	12	.060"	.610"

16 AWG, STRANDED 7 x .0192

† 8300S	2	.045"	.290"
8302S	3	.045"	.306"
8303S	4	.045"	.330"
8304S	5	.045"	.359"
8305S	6	.045"	.370"
8306S	7	.045"	.389"
8308S	9	.045"	.460"
8310S	12	.045"	.510"
8321S	19	.060"	.630"
8345S	25	.060"	.720"

12 AWG, STRANDED 7 x .0305

8500S	2	.045"	.356"
8502S	3	.045"	.377"
8503S	4	.045"	.410"
8504S	5	.060"	.448"
8506S	7	.060"	.488"
8508S	9	.060"	.600"
8510S	12	.060"	.708"
8513S	15	.060"	.750"
8521S	19	.080"	.790"

10 AWG, STRANDED 7 x .0385

8600S	2	.045"	.430"
8602S	3	.045"	.450"
8603S	4	.045"	.500"
8604S	5	.060"	.580"
8606S	7	.060"	.640"
8608S	9	.060"	.740"

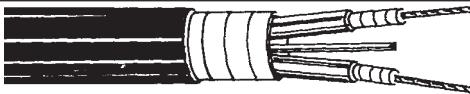
*10AWG Insulation thickness .020"

Passes the VW-1 vertical flame test

RoHS Compliant



PORTABLE CORDS



DESCRIPTION: Bare stranded copper conductors twisted, separator, fillers, TPE insulation, and TPE jacket

APPLICATION: For light, medium and heavy duty power supply to appliances, office equipment, small motors, heavy duty equipment and generators. TPE jacket resists oil, ozone, sunlight and moisture.

Color Code: 1)White 2)Black 3)Green 4)Red

OLYMPIC NO.	UL STYLE NO.	SIZE (Awg) NO. OF COND.	WT./M (lbs.)	INSUL. THICK- NESS (in.)	NOM. O.D. (in.)	AMPS
300 VOLTS -50°C +105°C						
6602E	SJE00W	18-2	46	.030"	.280"	10
6603E	SJE00W	18-3	58	.030"	.300"	7
6604E	SJE00W	18-4	82	.030"	.360"	6
6612E	SJE00W	16-2	56	.030"	.305"	10
6613E	SJE00W	16-3	78	.030"	.325"	10
6614E	SJE00W	16-4	96	.030"	.350"	8
6615E	SJE00W	14-2	80	.030"	.360"	15
6616E	SJE00W	14-3	100	.030"	.360"	15
6617E	SJE00W	14-4	121	.030"	.390"	12
6618E	SJE00W	12-2	98	.030"	.410"	20
6619E	SJE00W	12-3	142	.030"	.425"	25
6620E	SJE00W	12-4	179	.030"	.470"	16
6762E	SJE00W	10-2	205	.047"	.450"	25
6763E	SJE00W	10-3	275	.047"	.480"	25
6764E	SJE00W	10-4	305	.047"	.625"	25

INDUSTRY APPROVALS:

- UL Standard 62
- NEC 501.140 Class I Div. 2
- CSA 22.2 No. 49
- MSHA
- CSA SJTOOW
- Federal Spec #JC580
- NEC Article 400

DESCRIPTION: Bare stranded copper conductors twisted, separator, fillers, EPR insulation, and CPE jacket

OLYMPIC NO.	UL STYLE NO.	SIZE (Awg) NO. OF COND.	WT./M (lbs.)	INSUL. THICK- NESS (in.)	NOM. O.D. (in.)	AMPS
300 VOLTS 90 °C						
6300	SVO	18-2	40	.016"	.245"	7
6301	SVO	18-3	48	.016"	.255"	7

OLYMPIC NO.	UL STYLE NO.	SIZE (Awg) NO. OF COND.	WT./M (lbs.)	INSUL. THICK- NESS (in.)	NOM. O.D. (in.)
SJOW JACKET - 300 VOLTS 90 °C					

6602	SJOW	18-2	46	.032"	.280"
6603	SJOW	18-3	58	.032"	.300"
6604	SJOW	18-4	85	.032"	.360"
6612	SJOW	16-2	65	.032"	.325"
6613	SJOW	16-3	85	.032"	.355"
6614	SJOW	16-4	105	.032"	.390"
6615	SJOW	14-2	85	.032"	.360"
6616	SJOW	14-3	100	.032"	.380"
6617	SJOW	14-4	130	.032"	.420"
6618	SJOW	12-2	102	.047"	.410"
6619	SJOW	12-3	142	.047"	.430"
6620	SJOW	12-4	165	.047"	.470"

6622	SOOW	18-2	85	.032"	.340"
6623	SOOW	18-3	84	.032"	.360"
6624	SOOW	18-4	100	.032"	.365"
6632	SOOW	16-2	95	.032"	.405"
6633	SOOW	16-3	101	.032"	.385"
6634	SOOW	16-4	119	.032"	.410"
6642	SOOW	14-2	160	.045"	.495"
6643	SOOW	14-3	171	.045"	.520"
6644	SOOW	14-4	212	.045"	.560"
6652	SOOW	12-2	205	.045"	.565"
6653	SOOW	12-3	230	.045"	.590"
6654	SOOW	12-4	281	.045"	.640"
6662	SOOW	10-2	240	.045"	.615"
6663	SOOW	10-3	293	.045"	.650"
6664	SOOW	10-4	357	.045"	.700"

WELDING CABLE

600 VOLTS -40°C +105°C



DESCRIPTION:

Flexible stranded copper conductor, separator, black EPDM jacket.

APPLICATION:

For Leads from electrode holder to arc welder.

For general purpose welding applications. Extremely flexible.

* Black TPE Jacket

OLYMPIC NO.	COND. SIZE (Awg) & STRANDING	WT./M (lbs.)	NOM. O.D. (in.)	AMPS*
8181	6 - 259	140	.332"	75
8182	4 - 406	201	.38"	100
8184	2 - 648	308	.450"	200
8185	1 - 804	383	.520"	250
8186	1/0 - 1026	472	.565"	300
8187	2/0 - 1273	584	.625"	375
8188	3/0 - 1596	715	.665"	450
8189	4/0 - 2014	780	.740"	550
* 8190	250 MCM	855	.920"	600
* 8191	350 MCM	1255	1.05"	700
* 8192	500 MCM	1800	1.35"	900

*Based on 40°C ambient - intermittent use, for 50' length

RoHS Compliant



CONTROL CABLE

SOOW TYPE CONTROL CABLES – UNSHIELDED

-40°C +90°C

MULTICONDUCTORS
18 - 10 AWG • 90°C • 600 VOLTS

DESCRIPTION:

Stranded bare copper conductors,
separator, color coded EPR insulation,
conductors twisted with fillers as needed,
separator, black oil-resistant CPE jacket, UV resistant



APPLICATIONS:

For use in all types of remote control and signal
circuits where a flexible, oil-resistant cable is required

COLOR CODE:

See Chart 2

OLYMPIC NO.	NO. COND.	INSUL. THICK.	JACKET THICK.	NOM. O.D.	APPROX. WEIGHT Lbs./M
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18 AWG, STRANDED 16 x 30

2405	5	.030"	.080"	.465"	119
2406	6	.030"	.080"	.495"	137
2407	7	.030"	.080"	.520"	147
2408	8	.030"	.080"	.530"	158
2410	10	.030"	.080"	.575"	207
2412	12	.030"	.080"	.600"	232
2416	16	.030"	.080"	.700"	300
2420	20	.030"	.095"	.795"	380

16 AWG, STRANDED 26 x 30

2455	5	.030"	.080"	.495"	157
2456	6	.030"	.080"	.520"	180
2457	7	.030"	.080"	.540"	190
2458	8	.030"	.080"	.575"	210
2459	9	.030"	.080"	.600"	225
2460	10	.030"	.080"	.620"	254
2462	12	.030"	.080"	.660"	308
2466	16	.030"	.095"	.740"	404
2470	20	.030"	.095"	.810"	486

14 AWG, STRANDED 41 x 30

2515	5	.045"	.095"	.645"	255
2516	6	.045"	.095"	.710"	317
2517	7	.045"	.080"	.710"	346
2518	8	.045"	.095"	.760"	374
2519	9	.045"	.095"	.830"	405
2520	10	.045"	.095"	.830"	467
2522	12	.045"	.095"	.855"	529

OLYMPIC NO.	NO. COND.	INSUL. THICK.	JACKET THICK.	NOM. O.D.	APPROX. WEIGHT Lbs./M
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12 AWG, STRANDED 65 x 30

2525	5	.045"	.095"	.715"	349
2526	6	.045"	.095"	.740"	386
2527	7	.045"	.095"	.790"	412
2528	8	.045"	.095"	.825"	483
2529	9	.045"	.095"	.900"	528
2530	10	.045"	.095"	1.000"	577
2532	12	.045"	.095"	1.010"	676
2536	16	.045"	.110"	1.135"	890

10 AWG, STRANDED 104 x 30

2545	5	.045"	.095"	.770"	461
2546	6	.045"	.095"	.875"	511
2547	7	.045"	.095"	.900"	585
2548	8	.045"	.095"	.935"	645
2549	9	.045"	.095"	.947"	713
2550	10	.045"	.110"	1.020"	775



CCTV SIAMESE CABLE

OLYMPIC PART #:

50965

RG59 TYPE +18/2
UL CM, CL3

PHYSICAL SPECIFICATIONS - RG59

CONDUCTOR DIELECTRIC SHIELD COAX O.D.

20 AWG Solid Bare Copper	Gas Injected Foam PE .145" O.D.	95% BC Braid Shield	.242"
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PHYSICAL SPECIFICATIONS - POWER PAIR

CONDUCTOR INSULATION CABLING COLOR CODE JACKET PAIR O.D. OVERALL O.D.

1 PR 18-16 Bare Copper	.010" Polyolefin	18 AWG 1 Twisted Pair	Black & Red	.018" PVC, Black	.192"	.454" x .242"
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ELECTRICAL SPECIFICATIONS - Nominal Attenuation

MHz	50	200	400	700	900	1000
dB/100 ft.	1.9	3.6	5.0	7.0	8.0	8.5

IMPEDANCE CAPACITANCE VELOCITY OF PROP

75 ohms	16.3 pF/Ft	83%
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OLYMPIC PART #:

50965T

RG59 TYPE +18/2
UL PLENUM RATED CL2P,
CMP

PHYSICAL SPECIFICATIONS - RG59

CONDUCTOR DIELECTRIC SHIELD COAX O.D.

20 AWG Solid Bare Copper	.054" Foamed FEP .140" O.D.	95% BC Braid Shield	.202"
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PHYSICAL SPECIFICATIONS - POWER PAIR

CONDUCTOR INSULATION CABLING COLOR CODE JACKET PAIR O.D. OVERALL O.D.

1 PR 18-7 Bare Copper	.010" LS PVC	18 AWG 1 Twisted Pair	Black & White	.017" LS PVC, Black	.132"	.381" x .195"
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ELECTRICAL SPECIFICATIONS - Nominal Attenuation

MHz	50	200	400	700	900	1000
dB/100 ft.	1.8	3.8	5.4	7.1	8.8	9.4

IMPEDANCE CAPACITANCE VELOCITY OF PROP

75 ohms	16.5 pF/Ft	82%
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OLYMPIC PART #:

50965/6

RG 6 TYPE +18/2
UL CM, CL2

PHYSICAL SPECIFICATIONS - RG6

CONDUCTOR DIELECTRIC SHIELD COAX O.D.

18 AWG Solid Bare Copper	Cellular Polyethylene .180" O.D.	95% BC Braid Shield	.270"
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PHYSICAL SPECIFICATIONS - POWER PAIR

CONDUCTOR INSULATION CABLING COLOR CODE JACKET PAIR O.D. OVERALL O.D.

1 PR 18-16 Bare Copper	.010" Polyolefin	18 AWG 1 Twisted Pair	Black & Red	.018" PVC, Black	.198"	.270" x .493"
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ELECTRICAL SPECIFICATIONS - Nominal Attenuation

MHz	100	200	900
dB/100 ft.	2.2	4.0	8.3

IMPEDANCE CAPACITANCE VELOCITY OF PROP

75 ohms	17.3 pF/Ft	78%
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CCTV SIAMESE CABLE

OLYMPIC PART #:

50965/6T

RG 6/U TYPE +18/2
UL PLENUM RATED CMP
PHYSICAL SPECIFICATIONS - RG6
CONDUCTOR
DIELECTRIC
SHIELD
COAX O.D.

18 AWG Solid Bare Copper .065" Foamed FEP Teflon .170" O.D. 95% BC Braid Shield .225"

PHYSICAL SPECIFICATIONS - POWER PAIR
CONDUCTOR **INSULATION** **CABLING** **COLOR CODE** **JACKET** **PAIR O.D.** **OVERALL O.D.**

1 PR 18-7 Bare Copper .008" LS PVC 18 AWG 1 Twisted Pair Black & White .017" LS PVC, Black .124" .225" x .395"

ELECTRICAL SPECIFICATIONS - Nominal Attenuation

MHz	50	200	400	700	900	1000
dB/100 ft.	1.46	3.10	4.5	6.0	6.9	7.3

IMPEDANCE **CAPACITANCE** **VELOCITY OF PROP**

75 ohms	16.5 pF/Ft	82%
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OLYMPIC PART #:

6265R

RG59 TYPE +22/2 SHIELD
UL RATED CL2
PHYSICAL SPECIFICATIONS - RG59
CONDUCTOR
DIELECTRIC
SHIELD
COAX O.D.

22 AWG 7/30 Stranded Bare Copper Foam Polyethylene .146" O.D. 95% BC Braid Shield .242"

PHYSICAL SPECIFICATIONS - POWER PAIR
CONDUCTOR **INSULATION** **SHIELD** **COLOR CODE** **JACKET** **PAIR O.D.** **OVERALL O.D.**

1 PR 22-7 Tinned Copper .050" PVC Alum Mylar +24-7 T.C. Drain Black & Red PVC Black .218" .470" x .242"

ELECTRICAL SPECIFICATIONS - Nominal Attenuation

MHz	50	100	200	400	900	1000
dB/100 ft.	2.1	3.4	4.8	6.9	10.2	11.0

IMPEDANCE **CAPACITANCE** **VELOCITY OF PROP**

75 ohms	17.3 pF/Ft	78%
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OLYMPIC PART #:

6265T

RG59 TYPE +22/2 SHIELD
UL PLENUM RATED CMP
PHYSICAL SPECIFICATIONS - RG59
CONDUCTOR
DIELECTRIC
SHIELD
COAX O.D.

22 AWG 7/30 Bare Copper .055" Foamed FEP .135" - .140" O.D. 95% BC Braid Shield .224"

PHYSICAL SPECIFICATIONS - POWER PAIR
CONDUCTOR **INSULATION** **SHIELD** **COLOR CODE** **JACKET** **PAIR O.D.** **OVERALL O.D.**

1 PR 22-7 Tinned Copper .010" LS PVC Alum Mylar +24-7 T.C. Drain Black & Red .015" PVDF, Clear .088" .312" x .224"

ELECTRICAL SPECIFICATIONS - Nominal Attenuation

MHz	50	100	200	400	700	900
dB/100 ft.	2.1	3.0	4.5	6.6	9.0	10.1

IMPEDANCE **CAPACITANCE** **VELOCITY OF PROP**

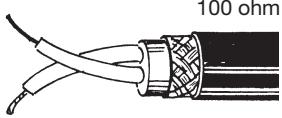
75 ohms	16.5 pF/Ft	78%
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Olympic

COMPUTER CABLE

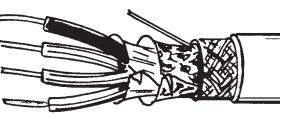
UL CM/CL2

TWINAXIAL DATA CABLES

OLYMPIC NO.	U.L. STYLE NO.	NOM. D.C. RES.	COND.	SHIELD	JACKET	NOM. O.D.	NOM. VEL. OF PROP.	NOM. CAP. *pF/ft	6 dbv length limit in thousands of feet
	6272	RU 2092 & CM	2 Cond. 20(7x28) tinned copper 9.5Ω/m'	1 tinned copper braid 3.8Ω/m' 93% shield coverage	Blue PVC	.242"	66%	19.7	4.1
COLOR CODE: Clear & Blue									
	6463	RU 2464 & CM & CE	2 Cond. 20(7x28) tinned copper 9.5Ω/m'	Aluminum foil with 57% tinned copper braid shield 4.05Ω/m'	Blue PVC	.242"	66%	19.7	4.1
COLOR CODE: Clear & Blue									
	6275R	RU 2498 & CL2	2 Cond. 20(7x28) 1 tinned copper 1 bare copper 9.5Ω/m'	Aluminum + 1 tinned copper braid 2.7Ω/m'	Black PVC	.325"	66%	15.5	5.3
Equivalent to IBM 7362211									
	6860	RU 2448	16(solid) copper	Alum./Mylar/Alum. 90% tinned copper braid 1.3Ω/M' 100% shield coverage	Black PVC	.440"	78%	10.9	
COLOR CODE: Blue & White									
	6182	RU 2668	22(19x34) tinned copper	Alum./Mylar/Alum. w/ stranded tinned copper drain wire 6.3Ω/M' 100% shield coverage	Black PVC	.350"	78%	8.8	
COLOR CODE: Black & Yellow									

Passes the VW-1 (FR-1) Vertical Flame Test

POINT OF SALE DATA CABLE

	100 ohm 6173R	RU 2582 & CM	22(solid) tinned copper (2 pair) 16.5Ω/m'	Aluminum Mylar w/ solid tinned copper drain wire & tinned copper braid 4.2Ω/m'	Black PVC	.290"	66%	15.5	3.0
COLOR CODE: Black/Yellow, Blue/Red									
	124 ohm 6163	RU 2094	25(7/33) tinned copper (3 pair) 31.8Ω/m'	Aluminum Mylar w/ stranded tinned copper drain wire over each pair 12Ω/m'	Blue PVC	.450"	66%	12.2	1.9
COLOR CODE: Clear & Blue pairs w/ Green, Red and Blue color coded foil shields									

*Capacitance between conductors



RISER CARD ACCESS CONTROL CABLE

300 Volts UL CMR

Olymipc No. 4342

Description: An individually jacketed four element composite control Riser cable.

Element 1: 18 gauge 4 conductor non shielded.

Element 2: 22 gauge 3 twisted pairs overall aluminum mylar shield.

Element 3: 22 gauge 2 conductor non shielded.

Element 4: 22 gauge 4 conductor non shielded.

To complete the construction, the four elements are twisted together and an overall .022" PVC jacket is applied.

Individual Element Jacket Colors:

Element 1: white/purple Lock Power

Element 2: white/yellow Card Reader

Element 3: white/green Door Contact

Element 4: white/red Rex/Spare

Overall Jacket: green

Overall Diameter: .405"



PLENUM CARD ACCESS CONTROL CABLE

300 Volts UL CMP

Olymipc No. 4342T

Description: An individually jacketed four element Plenum rated composite cable.

Element 1: 18 gauge 4 conductor non shielded.

Element 2: 22 gauge 3 twisted pairs overall aluminum mylar shield.

Element 3: 22 gauge 2 conductor non shielded.

Element 4: 22 gauge 4 conductor non shielded.

To complete the construction, the four elements are twisted together and an overall .013" SOLEF jacket is applied.

Individual Element Jacket Colors:

Element 1: white/purple Lock Power

Element 2: white/yellow Card Reader

Element 3: white/green Door Contact

Element 4: white/red Rex/Spare

Overall Jacket: yellow

Overall Diameter: .375"



* Capacitance between conductors

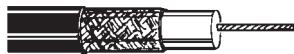
** Capacitance between 1 conductor and other conductor connected to shield

† Trademark of DuPont.



PVC, PTFE & PE RG COAXIAL CABLES

UL* CL2 or CATV



BROADCAST & COMPUTER CABLE

NEC RATING or MIL SPEC	RG NO.	OLYMPIC NO.	AWG & STRANDING	COND. MAT'L.	INSULATION & NOM. CORE O.D.	SHIELDS INNER	SHIELDS OUTER	JKT. MAT'L.	NOM. O.D.	JKT. COLOR	NOM. IMP. (OHMS)
	8/U *	5237	#13 (7/21)	C	PE .285"	CB	—	V	.415"	Black	50
	8A/U	5254	#13 (7/21)	C	PE .285"	CB	—	NCV	.415"	Black	50
	9B/U	5264	#13 (7/21)	SC	PE .280"	SC	SC	NCV	.430"	Black	50
	11/U	5238	#18 (7/26)	TC	PE .285"	CB	—	V	.415"	Black	75
	11A/U	5261	#18 (7/26)	TC	PE .285"	CB	—	NCV	.405"	Black	75
CL2	58/U *	5240 R	#20 (Solid)	C	PE .116"	TC	—	V	.200"	Black	50
	58A/U	5259	#20 (19/32)	TC	PE .116"	TC	—	V	.199"	Black	50
	58C/U	5262	#20 (19/32)	TC	PE .115"	TC	—	NCV	.199"	Black	50
CL2	59/U *	6244 R	#22 (Solid)	CW	PE .146"	CB	—	V	.242"	Black	75
	59B/U *	5263	#23 (Solid)	CW	PE .146"	CB	—	NCV	.242"	Black	75
CL2	62A/U *	6269 R	#22 (Solid)	CW	SSP .146"	CB	—	V	.242"	Black	93
	62A/U	6268	#22 (Solid)	CW	SSP .146"	CB	—	V	.260"	Black	93
M17/60-RG142	142	53242	#18 (Solid)	SC	PTFE .116"	SC	SC	XFEP	.195"	Brown	50
	174/U *	5216	#26 (7/34)	CW	PE .060"	TC	—	V	.105"	Black	50
M17/92-RG178	178	53265	#30 (7/38)	SCW	PTFE .033"	SC	—	XFEP	.070"	Brown	50
M17/94-RG179	179	53264	#30 (7/38)	SCW	PTFE .062"	SC	—	XFEP	.100"	Brown	75
M17/95-RG180	180	53266	#30 (7/38)	SCW	PTFE .102"	SC	—	XFEP	.140"	Brown	95
	187A/U	53267	#30 (7/38)	SCW	PTFE .063"	SC	—	PTFE	.098"	White	75
	188A/U	53268	#26 (7/34)	SCW	PTFE .058"	SC	—	PTFE	.098"	White	50
	195A/U	53269	#30 (7/38)	SCW	PTFE .102"	SC	—	PTFE	.155"	White	95
	196A/U	53270	#30 (7/38)	SCW	PTFE .024"	SC	—	PTFE	.074"	White	50
CM	213/U	5267	#13 (7/21)	C	PE .285"	CB	—	NCV	.405"	Black	50
	214/U *	5268	#13 (7/21)	SC	PE .034"	SC	SC	NCV	.425"	Black	50
	223/U *	6273	#19 (Solid)	SC	PE .117"	SC	SC	NCV	.212"	Black	50
M17/113-RG316	316	53284	#26 (7/34)	SCW	PTFE .058"	SC	—	XFEP	.098"	Brown	50
Video		6174	#20 (Solid)	C	PE .198"	TC	TC	PE	.304"	Black	75

*UL1354 or UL1478



COAXIAL CABLES - CATV OR CCTV

CATV	6/U	6245	CW	FP	.180"	F	AB	V	.270"	Black	75
Direct Burial	6/U	6246 D	CW	FP	.180"	F/F	AB	PE	.270"	Black	75
CCTV, CM	6/U	6246 R	C	FP	.180"	F	TC	V	.270"	Black	75
CATV	6/U	6247	CW	FP	.180"	QUAD		V	.300"	Black	75
CCTV, CL2	59/U	6242	C	FP	.145"	CB		V	.242"	Black	75
CATV	59/U	6291 R	CW	FP	.140"	F	AB	V	.242"	Black	75
CATV	59/U	6293	CW	FP	.140"	F	AB	V	.242"	Black	75
CATV	59/U	50837	CW	FP	.140"	QUAD		V	.265"	Black	75
CATV	11/U	6294	C	FP	.285"	F/F	AB	V	.405"	Black	75

C - Bare Copper

TC - Tinned Copper

SC - Silver Covered Copper

CW - Copper Covered Steel

SSFT - Semi-Solid FEP

PE - Solid Polyethylene

SSP - Semi-Solid Polyethylene

V - PVC-Type 1

NCV - Non-Contaminating PVC - Type 11A

SFT - Solid FEP

AB - Aluminum Braid

XFEP - Extruded FEP

PTFE - Fused PTFE Tape

CB - Copper Braid

PTFE - PTFE Insulation

SCW - Silver Ctd. Copper Weld

FP - Foam Polyethylene

F - Foil

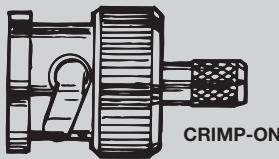
F/F - Al/Mylar/AI

See pages 87, 88, 89 for connectors

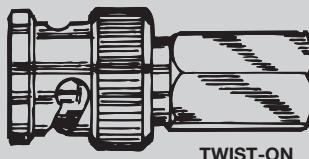
PLENUM CABLE

										UL CL2P	
	OLYMPIC NO.	UL STYLE	AWG. (STRANDING) NOM. D.C.R.	INSULATION & NOM. CORE O.D.	NOM. O.D.	NO. OF SHIELDS & MATERIAL NOM. D.C.R.	NOM. VEL. OF PROP.	NOM. CAP. pF/ft.	NOM. ATTENUATION MHz	NOM. ATTENUATION dbl 100 ft.	
50 ohm RG8 TYPE	6254T	CL2P	10(Solid) bare copper	Foamed FEP .285"	.348"	Alum./Mylar/ Alum. Foil +95% TC Braid Shield	84%	26	100 200 400 900	1.3 1.8 2.7 4.2	
			Black jacket								
53.5 ohm RG58 TYPE	5240T	CL2P	20(Solid) bare copper 10.1Ω/M'	Solid FEP .112"	.143"	1 bare copper 4.1Ω/M' 95% Shield coverage	70%	27	100 200 400 900	4.1 6.2 9.5 14.5	
			White jacket								
75 ohm RG59 TYPE	6244TF	CL2P CCTV	20(Solid) bare copper 10R/M'	Foamed FEP .135"	.194"	1 bare copper 2.7Ω/M' 95% Shield coverage	84%	16.5	50 100 200 400 700 900 1000	1.8 2.6 3.8 5.6 6.0 8.8 9.4	
			White jacket								
75 ohm RG6 TYPE	6246T	CL2P CCTV	18(Solid) bare copper 7.5Ω/M'	Foamed FEP .175"	.253"	Foil + 90% Tinned copper braid 5.2Ω/M' 100% shield coverage	78%	17	50 100 200 500 900	1.5 2.1 3.1 5.0 6.9	
			White jacket								
75 ohm Video	6174T	CL2P	20(Solid) bare copper 9.9Ω/M'	Solid FEP .188"	.278"	Tinned copper double braid 1.06Ω/M' 98% shield coverage	75%	19	100 200 400 700 900	2.8 4.2 6.5 9.5 11.4	
			Black tint jacket								
93 ohm RG62 TYPE	6269TF	CL2P	22(Solid) bare copper covered steel 41.2Ω/M'	Foamed FEP .142"	.200"	1 bare copper 3.4Ω/M' 95% Shield coverage	85%	12.8	100 200 400 900	3.0 4.4 6.3 10.5	
			White jacket								

BNC MALE CONNECTORS



CRIMP-ON



TWIST-ON

CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
B11C	RG58/U PVC	5240R
BT11TC	RG58 Plenum	5240T, 6907T
B13C	RG59/U, RG62A/U PVC	6244R, 6269R
	RG62 Plenum	6244TF, 6269TF
B15C	RG174/U PVC	5216
*B17C	RG59/U, RG62A/U PVC	6244R, 6269R
	RG59, RG62 Plenum	6244TF, 6269TF
B6C	RG6/U PVC	6246R
BT13C	RG59 Plenum	6244TF, 6259

**Single crimp-on*

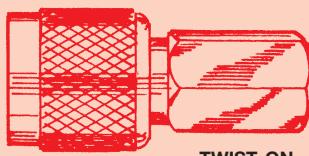
CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
BT11W	RG58 Plenum	5240TF
	RG59/U PVC	6244R
B13W	RG62A/U PVC	6269R
	RG59 Plenum, RG58 PVC	6244TF
BT15W	RG62 Plenum	6269TF
B17W	75Ω Video PVC	6174

All BNC Connectors have a 2-stud bayonet lock mating interface.

TNC MALE CONNECTORS



CRIMP-ON

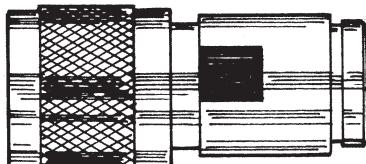


TWIST-ON

CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
T11C	RG59/U, RG62A/U PVC	6244R, 6269R
	RG59, RG62 Plenum	6244TF, 6269TF
T13C	RG58/U PVC	5240R

CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
T13W	RG59/U PVC	6244R
	RG62A/U PVC	6269R
TT15W	RG59 Plenum	6244TF
	RG62 Plenum	6269TF
TT17W	RG58 Plenum	5240TF
T19W	75Ω Video PVC	6174

TWINAXIAL CONNECTORS

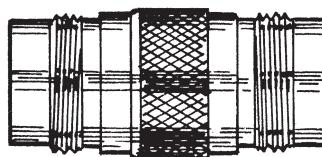


AX01
(IBM No. 7362229)

FEATURES:

- Designed for balanced low level and high sensitivity applications.
- Mates with IBM No. 7362230 and Olympic No. AXA1.
- For installation on IBM cable 7362211 and Olympic cable 6275; 6275T for air plenum installations

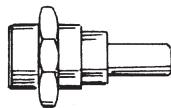
TWINAXIAL ADAPTER



AXA1
(IBM No. 7362230)

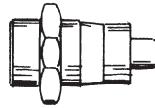
Female splice which interfaces with Olympic No. AX01 or IBM No. 7362229.

F MALE two piece



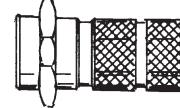
CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
F259	RG59/U	6244, 6291
F26	RG6/U	6246

F MALE one piece



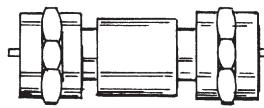
CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
F59	RG59/U	6244, 6291R
F6	RG6/U	6246, 6245

F MALE



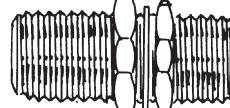
CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
FT59	RG59/U	6244, 6291R

F MALE ADAPTER



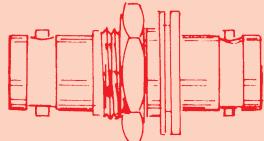
ADAPTER PART NO.
FD13

F FEMALE ADAPTER



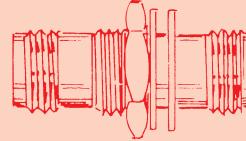
ADAPTER PART NO.
FD3

BNC ADAPTERS



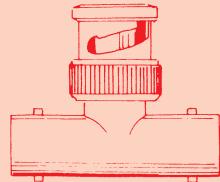
ADAPTER PART NO.	DESCRIPTION
AD601	FF Feedthrough
AD232	FF Isolated

TNC ADAPTERS



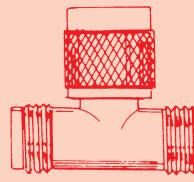
ADAPTER PART NO.	DESCRIPTION
AD666	FF Feedthrough
AD632	FF Feedthrough Isolated

BNC TEE ADAPTERS



ADAPTER PART NO.	DESCRIPTION
T252	FMF
T262	FFF

TNC TEE ADAPTERS



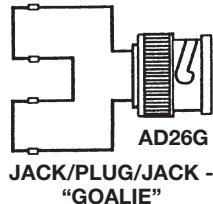
ADAPTER PART NO.	DESCRIPTION
AD564	FMF
AD640	FFF

BNC FEMALE ADAPTER



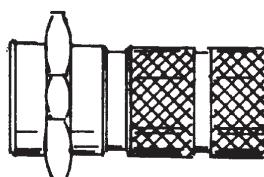
AD600 BNC FEMALE TO BNC FEMALE

BNC ADAPTER

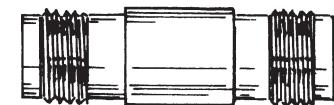


JACK/PLUG/JACK -
"GOALIE"

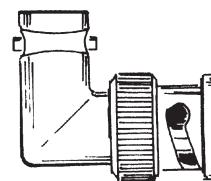
BNC MALE ADAPTER



AD500 BNC MALE TO BNC MALE

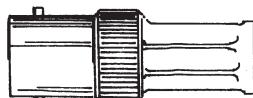


AD660 TNC FEMALE TO TNC FEMALE



ADR601 BNC MALE TO BNC FEMALE

BNC FEMALE CONNECTORS



CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
BF13C	RG59/U PVC RG62A/U PVC	6244 6269
BT14C	RG59, RG62 Plenum	6244TF, 6269TF

TNC FEMALE CONNECTORS



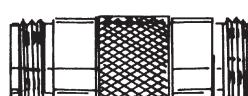
CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
T12C	RG59/U PVC RG62A/U PVC	6244 6269
TT12C	RG59, RG62 Plenum	6244TF, 6269TF

BNC MALE COMPRESSION



CONNECTOR PART NO.	CABLE TYPE	CABLE PART NO.
BF13M	RG59/U PVC RG62A/U PVC	6244 6269
BT13S	RG58/U PVC	5240

N ADAPTERS



AD667 N FEMALE TO N FEMALE

N FEMALE CONNECTORS



COMPRESSION

CONNECTOR PART NO.	CABLE TYPE
N520	RG8/U, RG213/U
N530	RG9/U, RG214/U



CONNECTOR PART NO.	CABLE TYPE
N501	RG8/U, RG213/U
N511	RG9/U, RG214/U

EXCHANGE AREA TELEPHONE CABLE

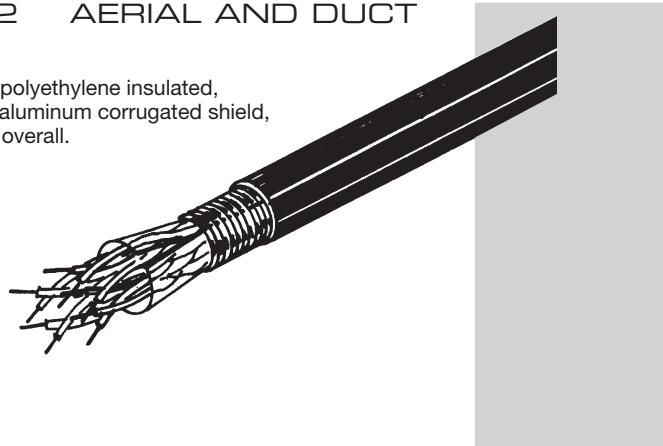
REA PE-22 AERIAL AND DUCT

DESCRIPTION:

Solid bare copper, polyethylene insulated, twisted pairs, .008 aluminum corrugated shield, black polyethylene overall.

COLOR CODE:

See Chart 9



DIRECT BURIAL

DESCRIPTION:

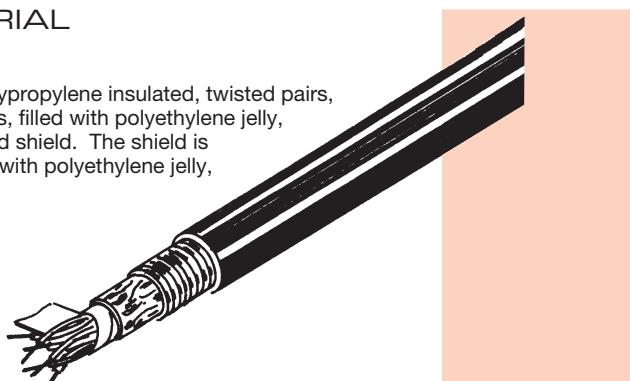
Solid bare copper, polypropylene insulated, twisted pairs, pairs twisted into cores, filled with polyethylene jelly, binder tape, corrugated shield. The shield is flooded on both sides with polyethylene jelly, polyethylene jacket.

COLOR CODE:

See Chart 9

*Available with:

- .005 Copper shield
- .008 Alum. shield
- .006 Copper clad steel shield



OLYMPIC NO.	NO. OF PAIRS & COND. SIZE (AWG)	NOM. O.D.
6973	6/22	.400"
6974	12/22	.470"
6975	18/22	.560"
6976	25/22	.610"
6977	50/22	.780"
6978	100/22	1.030"
6979-24	6/24	.360"
6980-24	12/24	.420"
6982-24	25/24	.520"
6983-24	50/24	.650"
6984-24	100/24	.840"

6990*	6/22	.470"
6991*	12/22	.570"
6993*	25/22	.720"
6994*	50/22	.940"
6995*	100/22	1.23"
6996-24*	6/24	.420"
6997-24*	12/24	.500"
6999-24*	25/24	.620"
6985-24*	50/24	.780"
6986-24*	100/24	1.02"

INSIDE TELEPHONE CABLE

RISER

CATEGORY 3

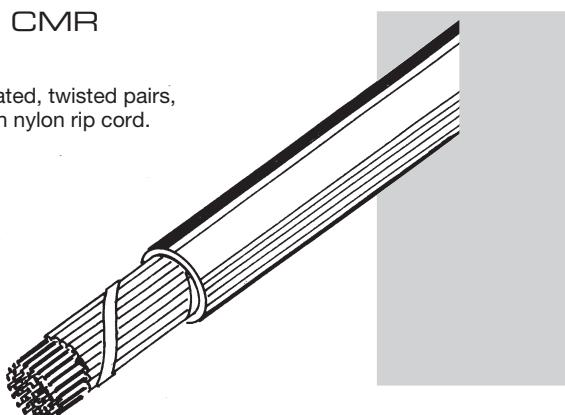
10 BASE T

UL CLASSIFIED CMR

DESCRIPTION:

Solid bare copper, PVC insulated, twisted pairs, beige or gray PVC jacket, with nylon rip cord.

COLOR CODE: Standard telephone color coding, see Chart 9



OLYMPIC NO.	NO. OF PAIRS	COND. SIZE (AWG)	NOM. JACKET THICK.	NOM. O.D.
3077	2	24	.014"	.130"
3078	4	24	.014"	.160"
3080	6	24	.015"	.185"
3081	12	24	.015"	.245"
3082	16	24	.015"	.300"
3083	25	24	.015"	.330"
3084	32	24	.030"	.400"
3085	50	24	.030"	.520"
3086	75	24	.030"	.600"
3087	100	24	.030"	.680"



LOCAL AREA NETWORK CABLE CATEGORY 5E

CATEGORY 5E - STRANDED, PATCH CABLE

NEC 800 TYPE CM
CSA FT-4
ETL VERIFIED TO EIA/TIA
24 AWG-7/32

DESCRIPTION:
Stranded bare copper, insulated, twisted, yellow jacket

APPLICATIONS:
IBM Type 3 IEEE 802.3 (10 BASE T), Ethernet IEEE 802.5 16Mbps Token Ring, other high speed data applications up to and including 20Mbps data transmission rates

COLOR CODE:
Chart 9 Modified

PACKAGING: Spool or dispenser box designated by U at end of PN

OLYMPIC NO.	NUMBER OF PAIRS	NOM. OD (INCH)
3078M5F-4	4	.213"

*Other color jackets available.

DC CONDUCTOR RESISTANCE -
MAX. INDIVIDUAL 25.7Ohms/kFT
MUTUAL CAPACITANCE @ 1MHz -
MAX. INDIVIDUAL 14pF/kFT
CAPACITANCE UNBALANCE PAIR TO GROUND -
MAX. INDIVIDUAL 1000pF/kFT

ATTENUATION		NEAR-END CROSSTALK LOSS	
FREQ. (MHz)	MAX. IND. (dB/kFT)	FREQ. (MHz)	MIN. IND. (dB/kFT)
0.772	5.7	0.772	58
1.0	6.5	1.0	56
4.0	13.0	4.0	47
8.0	19.0	8.0	42
10.0	22.0	10.0	41
16.0	27.0	16.0	28
20.0	31.0	20.0	36

IMPEDANCE

FREQ. (MHz)	Ohms
0.772	102 ± 15%
1.0-20.0	100 ± 15%

*CATEGORY 5E, RISER - TESTED TO 350MHZ

NEC 800 TYPE CMR
CSA FT-4
ETL VERIFIED TO EIA/TIA
24 AWG

DESCRIPTION:
Solid bare copper, insulated, twisted, gray jacket*

APPLICATIONS:
IBM Type 3 IEEE 802.3 (10 BASE T), Ethernet IEEE 802.5 16Mbps Token Ring, other high speed data applications up to and including 100Mbps data transmission rates

COLOR CODE:
Chart 9 Modified

PACKAGING: Spool or dispenser box designated by U at end of PN

OLYMPIC NO.	NUMBER OF PAIRS	NOM. OD (INCH)
*3078M5U	4	.205"
3083M5	25	.420"

*Other color jackets available.

DC CONDUCTOR RESISTANCE -
MAX. INDIVIDUAL 25.7Ohms/kFT
MUTUAL CAPACITANCE @ 1MHz -
MAX. INDIVIDUAL 14pF/kFT
CAPACITANCE UNBALANCE PAIR TO GROUND -
MAX. INDIVIDUAL 1000pF/kFT

ATTENUATION		NEAR-END CROSSTALK LOSS	
FREQ. (MHz)	MAX. IND. (dB/kFT)	FREQ. (MHz)	MIN. IND. (dB/kFT)
0.772	5.5	0.772	64
1.0	6.3	1.0	62
4.0	13.0	4.0	53
8.0	18.0	8.0	48
10.0	20.0	10.0	47
16.0	25.0	16.0	44
20.0	28.0	20.0	42
25.0	32.0	25.0	41
31.25	36.0	31.25	40
62.5	52.0	62.5	35
100.0	67.0	100.0	32

IMPEDANCE

FREQ. (MHz)	Ohms
0.772	102 ± 15%
1.0-100.0	100 ± 15%



LOCAL AREA NETWORK CABLE CATEGORY 5E

CATEGORY 5E, OUTDOOR CABLE

DESCRIPTION: 24 AWG, recommended for ducts and interconnections between buildings. These cables are resistant to ozone, moisture and sunlight. The cables have water blocking gel and black polyethylene jackets.

OLYMPIC NO.	NO. OF PAIRS	NOM. O.D.	APPLICATIONS
3078M5GE	4	.370"	Direct Burial, Armored
3078M5EV	4	.230"	Outdoor or Lashing
3083M5GE	25	.670"	Direct Burial, Armored

CATEGORY 5E, SHIELDED RISER

UL LISTED TYPE CMR
C (UL) CMG
300 VOLTS

APPLICATIONS:
Voice, T1 fractional

DESCRIPTION:
24 AWG solid bare copper, insulated, twisted, aluminum mylar shield, 24 solid T.C. drain wire, grey PVC jacket.

COLOR CODE:
Chart 9 modified

OLYMPIC NO.	NUMBER OF PAIRS	NOM. O.D.
3378M5	4	.240"

CATEGORY 5E, SHIELDED PLENUM

UL LISTED CMP/MPP
C (UL) CMG

APPLICATIONS:
IEEE 802.5
16 Mbps
IEEE 802.3U

100Base TX
155 Mbps ATM
Broadband video

OLYMPIC NO.	NUMBER OF PAIRS	NOM. O.D.
3804M5	4	.221"

CATEGORY 5E, PLENUM - TESTED TO 350 MHZ

IMPEDANCE

NEC 800 TYPE CMP
CSA TYPE FT-6
ETL VERIFIED TO EIA/TIA
24 AWG

FREQ. (MHz)	Ohms
0.772	102 ± 15%
1.0-100.0	100 ± 15%

DESCRIPTION:
Solid bare copper, insulated, twisted, white jacket*

APPLICATIONS:

IBM Type 3 IEEE 802.3 (10 BASE T), Ethernet IEEE 802.5 16Mbps Token Ring, other high speed data applications up to and including 100Mbps data transmission rates

COLOR CODE: Chart 9 Modified

PACKAGING: Spool or dispenser box designated by U at end of PN

OLYMPIC NO.	NUMBER OF PAIRS	NOM. OD (INCH)
3604M5U	4	.170"
3625M5E	25	.341"

DC CONDUCTOR RESISTANCE -

MAX. INDIVIDUAL 25.7 Ohms/kFT

MUTUAL CAPACITANCE @ 1MHz -

MAX. INDIVIDUAL 14pF/kFT

CAPACITANCE UNBALANCE PAIR TO GROUND -

MAX. INDIVIDUAL 1000pF/kFT

ATTENUATION NEAR-END CROSSTALK LOSS

FREQ. (MHz)	MAX. IND. (dB/kFT)	FREQ. (MHz)	MIN. IND. (dB/kFT)
0.772	5.5	0.772	64
1.0	6.3	1.0	62
4.0	13.0	4.0	53
8.0	18.0	8.0	48
10.0	20.0	10.0	47
16.0	25.0	16.0	44
20.0	28.0	20.0	42
25.0	32.0	25.0	41
31.25	36.0	31.25	40
62.5	52.0	62.5	35
100.0	67.0	100.0	32

*Other color jackets available



OUTDOOR, RISER, PLENUM

CATEGORY 6 - TESTED TO 550 MHZ

TESTED TO 550 MHZ

PLENUM

UL LISTED CMP
CSA, C (UL)

DESCRIPTION:
23 AWG, solid bare copper, insulated, twisted pairs, jacket.

OLYMPIC NO.	NUMBER OF PAIRS	NOM. O.D.
36046UC	4	.238"

RISER

UL LISTED CMR
CSA, C (UL)

DESCRIPTION:
23 AWG solid bare copper, insulated, twisted pairs, jacket.

OLYMPIC NO.	NUMBER OF PAIRS	NOM. O.D.
3078M6U	4	.180"

PERFORMANCE CATEGORY AND INDUSTRY STANDARDS	APPLICATIONS AND OTHER STANDARDS	FREQ. (MHz)	ATTN. (dB/100M)) (MAX)	PS-NEXT (dB) (MIN)	PS-ACR (dB@100M) (MIN)	PS-ELFEXT (dB@100M) (MIN)	SRL (dB) (MIN)
Category 6	All Cat. 5e Applications	1	2.0	72.3	70.3	64.8	19.0
ANSI/TIA/EIA/ 568-A-5^	IEEE 802.5, 16bps	4	3.8	63.3	59.5	52.7	21.4
ANSI/ICEA S-90-661#	IEEE 802.3U, 100Base TX	8	5.4	58.8	53.4	46.7	22.6
NEMA WC63.1	155 Mbps ATM	10	6.0	57.3	51.3	44.8	23.0
ISO/IEC 11801	Broadband Video	16	7.6	54.3	46.7	40.7	23.0
	100-Mbps TP-PMD	20	8.5	52.8	44.3	38.7	23.0
	1000Base T^	25	9.6	51.3	41.8	36.8	22.3
	622 Mbps ATM^	31.25	10.7	49.9	39.2	34.9	21.6
	270 Mbps Digital	62.50	15.5	45.4	29.9	28.8	19.5
	Video	100	19.9	42.3	22.4	24.8	18.1
	550 MHz Broadband	155	25.3	39.5	14.1	20.9	16.8
	Video	200	29.2	37.8	10.0	18.7	16.0
	1.2 Gbps ATM^	250	33.4	36.5	4.5	17.1	16.0
		300	36.6	35.2	—	15.2	16.0
		350	40.0	34.2	—	13.9	16.0
		400	43.2	33.3	—	12.7	16.0
		500	49.2	31.8	—	10.8	16.0
		550	52.0	31.2	—	9.9	16.0

CATEGORY 6

APPLICATIONS:

- Reverse compatibility to Category 5e
- 1.2 Gbps Ethernet
- 1000BaseT
- 1000BaseTX
- Broadband Video
- Desktop Publishing
- Video Conferencing/Imaging

CHARACTERISTICS:

- Operating Temperature: -10°C to +75°C
- Voltage Rating: 300 Volts

DESCRIPTION:

- Solid bare copper
- Insulation: Fluoropolymer (Plenum) and Polyethylene (Riser)
- Provided with a separator to provide pair isolation for superior electrical characteristics
- Nylon rip cord for ease of jacket stripping
- Jacket: Plenum/Riser rated PVC

SPECIFICATIONS:

- ETL Verified TIA-568-B.2-1
- C(UL)US CMP or CMR
- Riser Passes UL 1666 Flame Test
- Plenum Passes NFPA 262 (UL910) Flame Test
- Cat 6: Verified to 250MHz
- Cat 6: Tested to 550 MHz

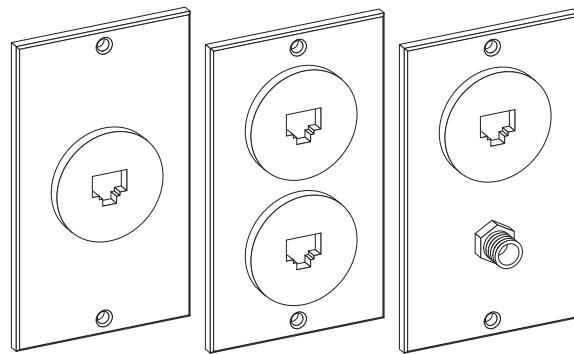
CATEGORY 6, OUTDOOR, DIRECT BURIAL

TESTED TO 550 MHZ

DESCRIPTION:

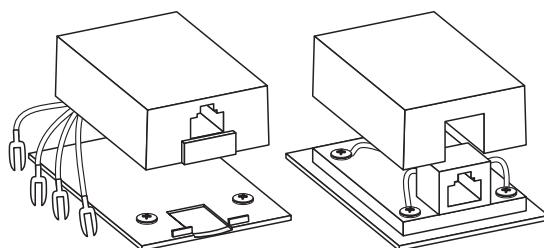
23 AWG, Solid Bare Copper Insulated, Twisted Pairs, Gel Filled, Black PE Jacket.

OLYMPIC NO.	NUMBER OF PAIRS	NOM. O.D.
3078M6V	4	.266"



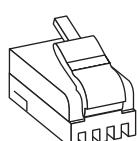
TELEPHONE WALL PLATES

OLYMPIC NO.	DESCRIPTION
TA61	4C Ivory Single Flush Mount Jack
TA61-9	4C White Single Flush Mount Jack
TA61-6	6C Ivory Single Flush Mount Jack
TA61-8	8C Ivory Single Flush Mount Jack
TA62	4C Ivory Duplex Flush Mount Jack
TA62-9	4C White Duplex Flush Mount Jack
TA62-6	6C Ivory Duplex Flush Mount Jack
TA62-8	8C Ivory Duplex Flush Mount Jack
WFRJ	Combination Telephone and Cable TV Ivory Wall Flush Jack - 4C Modular & "F" Jack

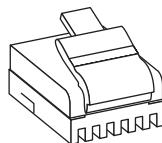


TELEPHONE WALL JACKS

OLYMPIC NO.	DESCRIPTION
TA66	4C Ivory Surface Mount (Side) Jack w/ Wiring Block
TA69S-4	4C Ivory Surface Mount (Side) Jack w/ Mounting Screws and Adhesive Foam
TA69S-6	6C Ivory Surface Mount (Side) Jack w/ Wiring Block w/ Mounting Screws and Adhesive Foam
TA69S-8	8C Ivory Surface Mount (Side) Jack w/ Wiring Block w/ Mounting Screws and Adhesive Foam



STANDARD PLUGS:
Are used with 26 gauge, stranded flat cable only



ROUND CABLE PLUGS:
Are used with 24 gauge, solid conductor round or paired cable
FEATURES:
15 micro inch gold plating on contact area of plugs

CRIMP TOOL:

OLYMPIC NO.	DESCRIPTION
TA91S	4 Position, 4 Contact (Handset)
RJ11	6 Position, 4 Contact
TA91-1	6 Position, 6 Contact (RJ12)
TA91-3	8 Position, 8 Contact (RJ45)

TA91-24	6 Position, 4 Contact
TA91-1-24	6 Position, 6 Contact (RJ12)
TA91-3-24	8 Position, 8 Contact (RJ45)
TA91-5-24	8 Position, 8 Contact (CAT 5)

CRIMP TOOL: 557 Plastic, economy type for 2, 4, 6, 8 contact plugs



FIBER OPTIC CABLE

OUTSIDE PLANT CABLES

LOOSE TUBE SINGLE JACKET CABLES

**Loose Tube, Water Blocked,
UV Resistant Jacket, PE90 Listed**

APPLICATIONS:

Interbuilding direct burial, open outside tray, lashed aerial and underground conduit. Highly protected cables designed against harsh environments, including water, UV; abrasion with a cut-through resistant polyethylene outer jacket; ATM, FDDI, Fiber Channel performance guarantee.

BENEFITS:

Fully water blocked cable, including water blocked tubes and flooded cable core, to protect against water migration.

STANDARDS:

ANSI X3T9.5 PMD	10 Mbps	TIA/EIA-568-A
IEEE 802.3 FOIRL	10 Mbps	ICEA-83-596
IEEE 802.3 10 base F	100 Mbps	ANSI X3.166-1990
FDDI	155 Mbps	Bellcore GR-409
ATM	266 Mbps	
Fiber Channel FC-PH		

SINGLEMODE OS2

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/1,000 ft)
F8.304D	4	10.1	46
F8.306D	6	10.1	46
F8.308D	8	10.1	46
F8.312D	12	10.1	46
F8.324D	24	10.1	46
F8.336D	36	10.1	46
F8.348D	48	10.1	46
F8.372D	72	10.9	55

62.5/125 MULTIMODE

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/1,000 ft)
F6204D	4	10.1	46
F6206D	6	10.1	46
F6208D	8	10.1	46
F6212D	12	10.1	46
F6224D	24	10.1	46
F6236D	36	10.1	46
F6248D	48	10.1	46
F6272D	72	10.9	55

50/125 MULTIMODE OM3

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/1,000 ft)
F5004D3	4	10.1	46
F5006D3	6	10.1	46
F5008D3	8	10.1	46
F5012D3	12	10.1	46
F5024D3	24	10.1	46
F5036D3	36	10.1	46
F5048D3	48	10.1	46
F5072D3	72	10.9	55

Additional specs available upon request



FIBER OPTIC CABLE

INDOOR PREMISES DISTRIBUTION CABLES

APPLICATIONS:

Cables are flame rated and suitable for indoor installations. Compact and flexible tight buffer cable design with low coil memory; ATM, FDDI, Fiber Channel performance guarantee.

BENEFITS:

Versatile cable construction ideal for network solutions intrabuilding in conduit, trays, and raceways.

SINGLEMODE OS2 - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
F8.3020	2	4.4	34
F8.3060	6	5.3	55
F8.3120	12	6.3	94
F8.3240	24	8.3	120
F8.3480	48	15.4	410
F8.3720	72	20.0	695

SINGLEMODE OS2 - PLENUM

F8.3021	2	4.4	40
F8.3061	6	5.3	64
F8.3121	12	6.3	115
F8.3241	24	8.3	140
F8.3481	48	15.4	480
F8.3721	72	20.0	765

62.5/125 MULTIMODE OM1 - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
F62020	2	4.4	34
F62060	6	5.3	55
F62120	12	6.3	94
F62240	24	8.3	120
F62480	48	15.4	410
F62720	72	20.0	695

ALUMINUM INTERLOCKED ARMOR

SINGLEMODE OS2 - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
F8.3060A	6	13.0	313
F8.3120A	12	14.7	383
F8.3240A	24	16.2	443
F8.3480A	48	25.4	910

SINGLEMODE OS2 - PLENUM

F8.3061A	6	13.0	344
F8.3121A	12	14.7	434
F8.3241A	24	16.2	490
F8.3481A	48	25.4	1050

STANDARDS:

ANSI X3T9.5 PMD		
IEEE 802.3 FOIRL	10 Mbps	TIA/EIA-568-A
IEEE 802.3 10 base F	10 Mbps	ICEA-83-596
FDDI	100 Mbps	ANSI X3.166-1990
ATM	155 Mbps	Bellcore GR-409
Fiber Channel FC-PH	266 Mbps	

50/125 MULTIMODE OM3 - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
F500203	2	4.4	34
F500603	6	5.3	55
F501203	12	6.3	94
F502403	24	8.3	120
F504803	48	15.4	410
F507203	72	20.0	695

50/125 MULTIMODE OM3 - PLENUM

F500213	2	4.4	40
F500613	6	5.3	64
F501213	12	6.3	115
F502413	24	8.3	140
F504813	48	15.4	480
F507213	72	20.0	765

62.5/125 MULTIMODE OM1 - PLENUM

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
F62021	2	4.4	40
F62061	6	5.3	64
F62121	12	6.3	115
F62241	24	8.3	140
F62481	48	15.4	480
F62721	72	20.0	765

50/125 MULTIMODE OM3 - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
F50060A3	6	13.0	313
F50120A3	12	14.7	383
F50240A3	24	16.2	443
F50480A3	48	25.4	910

50/125 MULTIMODE OM3 - PLENUM

F50061A3	6	13.0	344
F50121A3	12	14.7	434
F50241A3	24	16.2	490
F50481A3	48	25.4	1050

Additional specs available upon request



FIBER OPTIC CABLE

INDOOR-OUTDOOR CABLE

FEATURES:

900µm tight buffers, water blocking aramid yarn strength members, UV resistant jacket, OFNR and OFNP.

SINGLEMODE OS2

OFNR (900µm TIGHT BUFFERS) - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
DISMR2BK	2	4.4	34
DISMR6BK	6	5.3	55
DISMR12BK	12	6.3	94
DISMR24BK	24	8.3	120
DISMR48BK	48	15.4	410
DISMR72BK	72	20	695

OFNP (900µm TIGHT BUFFERS) - PLENUM

DISMP2BK	2	4.4	40
DISMP6BK	6	5.3	64
DISMP12BK	12	6.3	115
DISMP24BK	24	8.3	140
DISMP48BK	48	15.4	480
DISMP72BK	72	20	765

50/125 MULTIMODE OM3

OFNR - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
DI50R02BKM3	2	4.4	34
DI50R06BKM3	6	5.3	55
DI50R12BKM3	12	6.3	94
DI50R24BKM3	24	8.3	120
DI50R48BKM3	48	15.4	410
DI50R72BKM3	72	20	695

OFNP - PLENUM

DI50P02BKM3	2	4.4	40
DI50P06BKM3	6	5.3	64
DI50P12BKM3	12	6.3	115
DI50P24BKM3	24	8.3	140
DI50P48BKM3	48	15.4	480
DI50P72BKM3	72	20	765

STANDARDS:

Storage Temp. -40 / +70°C

Operating Temp. -40 / +70°C

50/125 MULTIMODE OM2

OFNR - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
DI50R02BKM2	2	4.4	34
DI50R06BKM2	6	5.3	55
DI50R12BKM2	12	6.3	94
DI50R24BKM2	24	8.3	120
DI50R48BKM2	48	15.4	410
DI50R72BKM2	72	20	695

OFNP - PLENUM

DI50P02BKM2	2	4.4	40
DI50P06BKM2	6	5.3	64
DI50P12BKM2	12	6.3	115
DI50P24BKM2	24	8.3	140
DI50P48BKM2	48	15.4	480
DI50P72BKM2	72	20	765

62.5/125 MULTIMODE OM1

OFNR - RISER

OLYMPIC NO.	FIBER COUNT	NOMINAL DIA. (mm)	WEIGHT (lbs/km)
DI62R02BK	2	4.4	34
DI62R06BK	6	5.3	55
DI62R12BK	12	6.3	94
DI62R24BK	24	8.3	120
DI62R48BK	48	15.4	410
DI62R72BK	72	20	695

OFNP - PLENUM

DI62P02BK	2	4.4	40
DI62P06BK	6	5.3	64
DI62P12BK	12	6.3	115
DI62P24BK	24	8.3	140
DI62P48BK	48	15.4	480
DI62P72BK	72	20	765

Additional specs available upon request



FLAT CABLE

GRAY LAMINATED

28 Gage, (7x36) 105°C PVC

Olympic's gray laminated flat cable is designed for basic, general purpose applications combining low cost and consistently reliable performance. Mirror image profile permits reverse plane termination ability on the same cable length. Flexibility and excellent teardown characteristics.

DESCRIPTION:

Stranded tinned copper conductor, conductor laminated between layers of PVC film, conductors on .050" centers, gray PVC with red stripe on leading edge.

CHARACTERISTICS:

Temperature Rating: -20°C +105°C

Voltage Rating: 300 Volts

Capacitance: 14 pF/ft nom.*

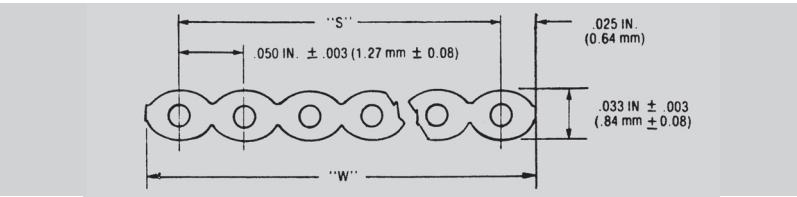
Environmental: Resists acids, alkalis, oil, moisture, solvents, ozone and fungus.

APPLICATION:

Electronic products such as computers and business machines

Other configurations available

OLYMPIC NO.	UL STYLE NO.	NO. OF COND.	NOMINAL OVERALL WIDTH (W)	NOMINAL SPAN (S)	NOM. PVC INSULATION THICKNESS
9500/9		9	.45"	.40"	.010"
9500/10		10	.50"	.45"	.010"
9500/14		14	.70"	.65"	.010"
9500/15		15	.75"	.70"	.010"
9500/16		16	.80"	.75"	.010"
9500/20		20	1.00"	.95"	.010"
9500/24		24	1.20"	1.15"	.010"
9500/25	2651	25	1.25"	1.20"	.010"
9500/26		26	1.30"	1.25"	.010"
9500/34		34	1.70"	1.65"	.010"
9500/37		37	1.85"	1.80"	.010"
9500/40		40	2.00"	1.95"	.010"
9500/50		50	2.50"	2.45"	.010"
9500/60		60	3.00"	2.95"	.010"
9500/64		64	3.20"	3.15"	.010"



COLOR-CODED LAMINATED

28 Gage, (7x36) 105°C PVC

Olympic's laminated color coded flat cable is designed with termination flexibility in mind. It is manufactured from pre-insulated color coded conductors which are then laminated on .050" center to center spacing permitting conventional termination using insulation displacement connectors.

DESCRIPTION:

Stranded tinned copper conductor, conductors laminated to a sheet of .010" PVC.

COLOR CODE:

Brown, red, orange, yellow, green, blue, violet, gray, white, black. Color code repeats beyond 10 conductors.

CHARACTERISTICS:

Temperature Rating: -20°C +105°C

Voltage Rating: 300 Volts

Capacitance: 14 pF/ft @ 1 mhz*

Environmental: Resists acids, alkalis, oil, moisture, solvents, ozone and fungus.

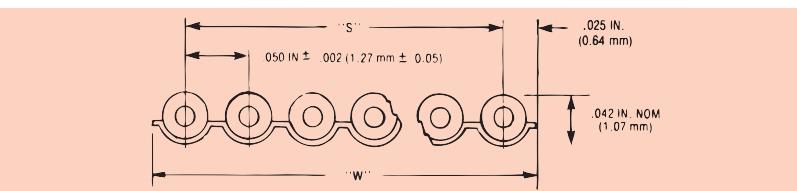
APPLICATION:

Digital data and signal transmission systems.

SPECIAL CONSTRUCTIONS:

Other color combinations available.

OLYMPIC NO.	UL STYLE NO.	NO. OF COND.	NOMINAL OVERALL WIDTH (W)	NOMINAL SPAN (S)	NOM. PVC INSULATION THICKNESS
9520/9		9	.45"	.40"	.010"
9520/10		10	.50"	.45"	.010"
9520/14		14	.70"	.65"	.010"
9520/15		15	.75"	.70"	.010"
9520/16		16	.80"	.75"	.010"
9520/20		20	1.00"	.95"	.010"
9520/24		24	1.20"	1.15"	.010"
9520/25	20932	25	1.25"	1.20"	.010"
9520/26		26	1.30"	1.25"	.010"
9520/34		34	1.70"	1.65"	.010"
9520/37		37	1.85"	1.80"	.010"
9520/40		40	2.00"	1.95"	.010"
9520/50		50	2.50"	2.45"	.010"
9520/60		60	3.00"	2.95"	.010"
9520/64		64	3.20"	3.15"	.010"



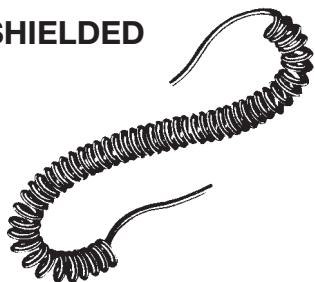


RETRACTILE CORDS



TPR JACKET POWER CORDS - Retracted Lengths 1, 2 & 4 Feet - Extended Lengths 5, 10 & 20 Feet

UNSHIELDED



DESCRIPTION:

Long-lasting service is assured with this quality multiconductor power cord. Each conductor is stranded copper, with TPR insulation, and a rugged weather and oil resistant TPR jacket overall.

APPLICATION:

Used on electric tools, portable drills, soldering irons, electrical appliances, household appliances, etc., to eliminate loose hanging wires and to prevent wires from tangling and twisting.

CHARACTERISTICS:

Suggested operating temperature: -20°C to +105°C

1 FT. LENGTHS	2 FT. LENGTHS	4 FT. LENGTHS	NO. OF COND.	CONDUCTOR SIZE	STRAND	UL/CSA TYPE	AMP RATING	VOLT RATING	NOM. COIL O.D.	NOM. O.D. CORD
6310E			2	18	41/34	SVEO/SVTO	7	300	7/8"	.25"
6311E			3	18	41/34	SJEOW/SJTO	7	300	1-3/8"	.330"
6312E			3	16	65/34	SJEOW/SJTO	10	300	1-3/8"	.345"
6313E	6314E		2	18	41/34	SVEO/SVTO	7	300	7/8"	.250"
6315E	6316E		3	18	41/34	SVEO/SVTO	7	300	1"	.270"
6350E	6351E		2	18	41/34	SJEOW/SJTO	7	300	1"	.300"
6317E	6318E		3	18	41/34	SJEOW/SJTO	7	300	1-3/8"	.330"
6319E	6320E		4*	18	41/34	SJEOW/SJTO	5.6	300	1-3/8"	.355"
6352E	6353E		2	16	65/34	SJEOW/SJTO	10	300	1-1/8"	.315"
6321E	6322E		3	16	65/34	SJEOW/SJTO	10	300	1-3/8"	.345"
6354E	6355E		4*	16	65/34	SJEOW/SJTO	8	300	1-3/8"	.410"
6356E	6357E		3	16	65/34	SEOW/STOW	10	600	1-1/2"	.400"
6358E	6359E		4*	16	65/34	SEOW/STOW	8	600	1-1/2"	.420"
6360E	6361E		3	14	41/30	SEOW/STOW	15	600	2-1/8"	.540"
6362E	6363E		4*	14	41/30	SEOW/STOW	12	600	2"	.570"

*If all four conductors normally carry current, amp rating is as shown.
If one lead is used as a ground, amp rating is the same as 2 and 3 conductor cords.

A 12" retracted length with a 12" straight lead on each end for easy stripping and termination. Cord extends to approximately 6 feet.

COLOR CODE:

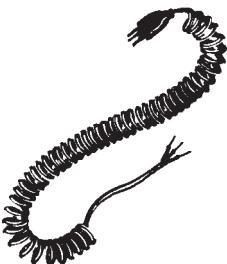
- 1 - Black
- 2 - White
- 3 - Green
- 4 - Red



RETRACTILE CORDS



TPE JACKETED CORD SETS UL LISTED



Bare copper, rubber insulated. One end with molded male plug. Other end has jacket and conductors stripped for easy termination. -20°C + 105°C

OLYMPIC NO.	AVAIL. LENGTH (RETRACTED)	NO. OF COND.	AWG NO.	U.L. TYPE	MAX WORKING VOLTAGE	STRAND NO./AWG	COND. AMP RATING	CABLE O.D. (INCHES)	COIL O.D. (INCHES)
6500	18"	2	18	SVEO	300	41/34	7	.260	7/8
6504	18"	3	18	SVEO	300	41/34	7	.275	1
6505	18"	2	18	SJO	300	41/34	7	.320	13/16
6501	18"	3	18	SJO	300	41/34	7	.350	13/8
6502	18"	2	16	SJO	300	65/34	13	.360	13/8
6503	18"	3	16	SJO	300	65/34	13	.390	17/16

COLOR CODES: Black, White, Red, Green

PLASTIC JACKET OVERALL SHIELDED CORDS UL LISTED



Tinned copper, polypropylene insulated. Overall tinned copper serve shielded. Avg. 85%-90% coverage under PVC jacket. Black jacket.

OLYMPIC NO.	AVAIL. LENGTHS (RETRACTED) (INCHES)	NO. OF COND.	AWG NO.	MAX WORKING VOLTAGE	STRAND NO./AWG	COND. AMP RATING	CABLE O.D. (INCHES)	COIL O.D. (INCHES)
6510P	48,36,24,12	1	23	300	21/36	1	.150	9/16
6511P	48,36,24,12	2	23	300	21/36	1	.180	11/16
6512P	48,36,24,12	3	23	300	21/36	1	.190	11/16
6513P	48,36,24,12	4	23	300	21/36	1	.205	11/16
6514P	48,36,24,12	5	23	300	21/36	1	.215	13/16
6515P	48,36,24,12	6	23	300	21/36	1	.220	13/16

RETRACTED - EXTENDED RATIO (1 TO 5)

48" - 20'

36" - 15'

24" - 10'

12" - 5'

STRAIGHT LEAD LENGTHS

6"

6"

6"

12"

COLOR CODES: Black, White, Red, Green, Orange, Blue, Yellow, Brown, Grey, Pink, Violet, Tan

TPE JACKETED SHIELDED MICROPHONE CORDS



Tinned copper conductors, polypropylene insulated. Conductors individually T.C. serve shielded 85%-90% coverage when noted. Black TPE jacket. -20°C + 105°C

OLYMPIC NO.	AVAIL. LENGTHS (RETRACTED) (INCHES)	NO. OF COND.	AWG NO.	MAX WORKING VOLTAGE	STRAND NO./AWG	COND. AMP RATING	CABLE O.D. (INCHES)	COIL O.D. (INCHES)
6506P	48,36,24,12	1*	23	300	21/36	1	.165	5/8
6507P	48,36,24,12	1*	23	300	21/36	1	.210	3/4
6508P	48,36,24,12	1*	23	300	21/36	1	.205	3/4
6509P	48,36,24,12	2*	23	300	21/36	1	.230	7/8

COLOR CODES: Black, White, Red, Green

* Conductors individually serve shielded



RETRACTILE CORDS

UNSHIELDED PLASTIC JACKETED MINIATURE CORDS UL LISTED



Stranded tinned copper,
polypropylene insulated,
black PVC jacketed.
-20°C +80°C

OLYMPIC NO.	AVAIL. LENGTHS (RETRACTED) (INCHES)	NO. OF COND.	AWG NO.	MAX WORKING VOLTAGE	STRAND NO./AWG	COND. AMP RATING	CABLE O.D. (INCHES)	COIL O.D. (INCHES)
6516P	48,36,24,12	2	28	300	7/36	1/2	.140	1/2
6517P	48,36,24,12	3	28	300	7/36	1/2	.150	1/2
6518P	48,36,24,12	4	28	300	7/36	1/2	.155	1/2
6519P	48,36,24,12	5	28	300	7/36	1/2	.165	9/16
6520P	48,36,24,12	6	28	300	7/36	1/2	.180	5/8
6521P	48,36,24,12	7	28	300	7/36	1/2	.180	5/8
6522P	48,36,24,12	8	28	300	7/36	1/2	.195	5/8

RETRACTED - EXTENDED RATIO (1 TO 5)

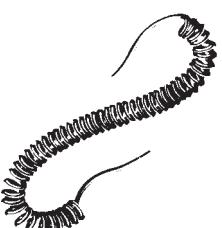
48" - 20' 36" - 15' 24" - 10' 12" - 5'

STRAIGHT LEAD LENGTHS

6" 6" 6" 12"

COLOR CODES: Black,
White, Red, Green, Orange,
Blue, Yellow, Brown, Grey,
Pink, Violet, Tan

UNSHIELDED PLASTIC or TPE JACKETED COMMUNICATIONS & ELECTRONIC CONTROL CORDS



UL LISTED
Stranded tinned copper,
polypropylene insulated,
PVC: -20°C + 80°C
or TPE jacketed: -20°C + 105°C

COLOR CODES: Black,
White, Red, Green, Orange,
Blue, Yellow, Brown, Grey,
Pink, Violet, Tan, White/Black,
Red/Black, Green/Black

*Black PVC jacket
**Black TPE jacket, Oil Resistant

OLYMPIC NO.	AVAIL. LENGTHS (RETRACTED) (INCHES)	NO. OF COND.	AWG NO.	MAX WORKING VOLTAGE	NOM. AREA (mm)	STRAND NO./AWG	COND. AMP RATING	CABLE O.D. (INCHES)	COIL O.D. (INCHES)
* 6370P	48,36,24,12	2	23	300	.259	21/36	1	.180	5/8
** 6382P	48,36,24,12	3	23	300	.259	21/36	1	.190	11/16
* 6371P	48,36,24,12	4	23	300	.259	21/36	1	.200	11/16
** 6383P	48,36,24,12	5	23	300	.259	21/36	1	.215	3/4
* 6372P	48,36,24,12	6	23	300	.259	21/36	1	.230	7/8
** 6384P	48,36,24,12	7	23	300	.259	21/36	1	.230	7/8
* 6373P	48,36,24,12	8	23	300	.259	21/36	1	.245	7/8
** 6385P	48,36,24,12	10	23	300	.259	21/36	1	.280	15/16
* 6374P	48,36,24,12	12	23	300	.259	21/36	1	.285	1
** 6386P	48,36,24,12	15	23	300	.259	21/36	1	.310	11/16
* 6377P	48,36,24,12	15	23	300	.259	21/36	1	.310	11/16
** 6389P	48,36,24,12	15	23	300	.259	21/36	1	.310	11/16
* 6378P	48,36,24,12	15	23	300	.259	21/36	1	.310	11/16
** 6390P	48,36,24,12	15	23	300	.259	21/36	1	.310	11/16
* 6379P	48,36,24,12	15	23	300	.259	21/36	1	.310	11/16
** 6391P	48,36,24,12	15	23	300	.259	21/36	1	.310	11/16

3 CONDUCTOR
N.A. COLOR CODING
CEE COLOR CODING



NEMA 5-15P

OUTER JACKET STRIPPED 2"
 CONDUCTORS STRIPPED AND TWISTED 5/8"

DESCRIPTION:

Stranded bare copper conductors, color coded PVC or rubber insulation, PVC (SVT-SJT), rubber (SV-SJOOW), or neoprene (SJOOW) jacket, one end fitted with molded 3-prong male end, other end has jacket and conductors stripped back; shielded or unshielded as indicated in tables

APPLICATIONS:

Type SV-SVT: small tools, business
 Type SJOOW-SJT-SJOOW: heavier duty tools, electric saws, small motors, grinders, saws, sanders

COLOR CODE COMPARISON BY FUNCTION:

Function

N = Neutral

L = Live

E = Earth or Ground

North American Color Coding

White

Black

Green or Green/Yellow

CEE

Light Blue

Brown

Green/Yellow

OLYMPIC NO.	LENGTH (FEET)	COLOR CODING	AWG (STRANDING)	NOM. O.D. (INCHES)	RATING	UL TYPE	COLOR
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UNSHIELDED

91406	6	NA	18 (16 x 30)	.328	1250 Watts 10A-125V	SJOWW	Black
91405	6	NA	18 (16 x 30)	.315	1250 Watts 10A-125V	SJT	Gray
91512	6'7"	CEE	18 (41 x 34)	.315	1250 Watts 10A-125V	SJT	Black
91408	8	NA	18 (16 x 30)	.328	1250 Watts 10A-125V	SJOWW	Black
91409	8	NA	18 (16 x 30)	.328	1250 Watts 10A-125V	SJOWW	Black
91412	12	NA	18 (16 x 30)	.328	1250 Watts 10A-125V	SJOWW	Black
91419	9	NA	16 (26 x 30)	.353	1625 Watts 13A-125V	SJOWW	Black
91515	9'10"	CEE	16 (65 x 34)	.340	1625 Watts 13A-125V	SJT	Black
91422	12	NA	16 (26 x 30)	.353	1625 Watts 13A-125V	SJOWW	Black

SHIELDED

91740	6'7"	CEE	18 (41 x 34)	.270	1250 Watts 10A-125V	SVT Shielded	Black
91741	9'10"	CEE	18 (41 x 34)	.270	1250 Watts 10A-125V	SVT Shielded	Black
91617	9'10"	CEE	14 (41 x 30)	.402	1875 Watts 15A-125V	SJT Shielded	Black



NEMA 5-15P

OUTER JACKET STRIPPED 1 1/2"
 CONDUCTORS STRIPPED AND TWISTED 5/8"

UNSHIELDED

91236	6	NA	18 (41 x 34)	.246	1250 Watts 10A-125V	SV	Black
91238	8	NA	18 (41 x 34)	.246	1250 Watts 10A-125V	SV	Black
91237	6	NA	18 (41 x 34)	.253	1250 Watts 10A-125V	SVT	Gray
91239	8	NA	18 (41 x 34)	.253	1250 Watts 10A-125V	SVT	Gray



NEMA 5-15P

OUTER JACKET STRIPPED 2"
 CONDUCTORS STRIPPED AND TWISTED 3/4"

UNSHIELDED

91629	9	NA	14 (41 x 30)	.380	1875 Watts 15A-125V	SJOWW	Black
91635	15	NA	14 (41 x 30)	.380	1875 Watts 15A-125V	SJOWW	Black



POWER SUPPLY CORDS

SHIELDED, UNSHIELDED

EXTENSION CORDS,
DETACHABLE
3 CONDUCTORS
N.A. COLOR CODING
CEE COLOR CODING


DESCRIPTION:

One end fitted with molded 3-prong male end, other end fitted with molded female receptacle; shielded or unshielded as indicated in tables



OLYMPIC NO.	LENGTH (FEET)	COLOR CODING	AWG (STRANDING)	NOM. O.D. (INCHES)	RATING	UL TYPE	COLOR
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UNSHIELDED

91258	8	NA	18 (41 x 34)	.253	875 Watts 7A-125V	SVT	Gray
91280	7 1/2	CEE	18 (41 x 34)	.246	875 Watts 7A-125V	SVT	Gray

**COLOR CODE COMPARISON
BY FUNCTION:**
Function

N = Neutral

L = Live

E = Earth or Ground


North American Color Coding

White

Black

Green or Green/Yellow

UNSHIELDED

91250	7 1/2	NA	18 (41 x 34)	.253	1250 Watts 10A-125V	SVT	Black
91251	7 1/2	CEE	18 (41 x 34)	.246	1250 Watts 10A-125V	SVT	Black
91500	6'7"	CEE	18 (41 x 34)	.315	1250 Watts 10A-125V	SJT	Black
91504	6'7"	CEE	14 (41 x 30)	.380	1875 Watts 15A-125V	SJT	Black
91255	7'6"	NA	16 (65 x 34)	.340	1625 Watts 13A-125V	SJT	Black
91501	9'10"	CEE	18 (41 x 34)	.315	1250 Watts 10A-125V	SJT	Black

SHIELDED

91742	6'7"	CEE	18 (41 x 34)	.270	1250 Watts 10A-125V	SVT Shielded	Black
91600	6'7"	CEE	18 (41 x 34)	.340	1250 Watts 10A-125V	SJT Shielded	Black
91660	6'7"	CEE	18 (41 x 34)	.307	1250 Watts 10A-125V	SVT Foil Shield +85% Braided Shld	Black
91603	9'10"	CEE	16 (65 x 34)	.365	1625 Watts 13A-125V	SJT Shielded	Black
91604	6'7"	CEE	14 (41 x 30)	.402	1875 Watts 15A-125V	SJT Shielded	Black
91605	9'10"	CEE	14 (41 x 30)	.402	1875 Watts 15A-125V	SJT Shielded	Black


UNSHIELDED

91460	10	NA	18 (16 x 30)	.328	1250 Watts 10A-125V	SJOWW	Black
91461	10	NA	16 (26 x 30)	.340	1625 Watts 13A-125V	SJOWW	Black



BRAID - BUS BAR

TINNED COPPER FLAT BRAID, SPECIFICATIONS AA59569F*


DESCRIPTION:

A woven braid, composed of tinned copper strands, which is rolled flat at time of manufacture to a specific width depending upon construction.

APPLICATION:

Flat braid is usually employed for its current carrying capacity and its extreme flexibility. It is generally used as a high current conductor at low voltages. Battery grounding is typical of this application. It is also used as a bonding strap in vehicles and aircraft to help eliminate ignition interference. Because of its extreme flexibility it can be used in confined areas or as electrical connections on moving parts.

BRAID CONSTRUCTION								
OLYMPIC NO.	NOM. FLAT WIDTH	NOM. THICK.	AWG OF IND. ENDS	CAR-RIERS	TOTAL NO. OF IND. ENDS	APPROX. AWG EQUIV.	NOM. CIRCULAR MILS	CURRENT CARRYING CAP (Amps)
700	.025"	.015"	36	8	8	27	200	4.0
701	1/32"	.020"	36	16	16	24	400	6.0
* 702	3/64"	.020"	36	24	24	22	600	7.0
703	3/32"	.020"	36	16	48	19	1200	11.0
* 704	1/8"	.020"	36	24	72	18	1800	16.0
* 705	3/16"	.020"	36	24	120	15	3000	25.0
* 706	1/4"	.030"	36	24	168	14	4200	32.0
707	3/8"	.030"	36	48	288	12	7200	46.0
708	1/2"	.030"	36	48	384	10	9600	53.0
* 709	5/8"	.030"	36	48	384	10	9600	53.0
* 710	3/4"	.040"	36	48	864	7	20800	85.0
711	1"	.045"	36	48	864	7	20800	85.0
* 712	1-3/8"	.050"	30	48	336	5	33700	100.0
* 713	1-1/2"	.060"	30	48	528	3	53064	150.0
714	1-3/4"	.080"	30	48	1248	00	125424	280.0
715	2"	.120"	30	48	1536	000	154368	310.0
716	3"	.200"	30	48	2256	0000	225000	390.0

TINNED COPPER TUBULAR BRAID, SPECIFICATIONS AA59569R


DESCRIPTION:

A woven tinned copper braid which is manufactured completely round as outlined in AA59569R. Each strand of the braid is soft drawn tinned copper wire. The braid is self-supporting and maintains its round configuration. The percentage of shielding coverage is 95% or more when placed over a mandrel of an equivalent diameter to the inside braid diameter.

APPLICATIONS:

Maximum shielding against electrostatic interference for wires, cables and other components. Also as a protective covering against mechanical abrasion and stresses.

BRAID CONSTRUCTION							
OLYMPIC NO.	NOM. I.D. WHEN ROUNDED	STRAND WIRE SIZE	CAR-RIERS	TOTAL NO. OF IND. ENDS	APPROX. AWG EQUIV.	NOM. CIRCULAR MILS	CURRENT CARRYING CAP (Amps)
720	1/32"	36	24	24	22	600	7.0
721	1/16"	36	24	48	19	1200	11.0
722	5/64"	36	24	72	18	1800	16.0
723	7/64"	36	24	96	16	2400	19.0
724	1/8"	36	24	120	15	3000	25.0
725	5/32"	36	24	240	12	6000	40.0
726	11/64"	36	24	168	14	4200	32.0
727	13/64"	34	24	192	11	7630	46.0
728	1/4"	36	24	384	10	9600	53.0
729	9/32"	30	24	120	9	12060	60.0
730	3/8"	36	48	384	10	9600	53.0
731	7/16"	30	24	240	6	24120	90.0
732	1/2"	36	48	528	9	13200	62.0
733	9/16"	30	48	480	3	48240	145.0
734	21/32"	30	48	768	1	77180	190.0
735	25/32"	36	48	864	7	21600	88.0

SPECIFICATIONS AA59551S – QQ-W-343
TYPE S – ASTM-B-33

TINNED COPPER BUS WIRE


DESCRIPTION:

Pure electrolytic soft drawn, solid, copper properly annealed and tinned for quick soldering.

APPLICATIONS:

Winding of coils. Antennas. Point to point wiring. Bus-bar. Component leads. Ground wire.

OLYMPIC NO.	COND. SIZE	NOM. CIRCULAR MIL AREA	NOM. O.D.	OLYMPIC NO.	COND. SIZE	NOM. CIRCULAR MIL AREA	NOM. O.D.
749	32 AWG	63.21	.008"	755	20 AWG	1022.0	.033"
750	30 AWG	100.5	.010"	756	18 AWG	1642.0	.040"
751	28 AWG	159.8	.013"	757	16 AWG	2583.0	.051"
752	26 AWG	254.1	.016"	758	14 AWG	4107.0	.065"
753	24 AWG	404.0	.020"	759	12 AWG	6530.0	.082"
754	22 AWG	642.4	.025"				



EXPANDABLE BRAIDED
POLYESTER SLEEVING

GENERAL PURPOSE and FLAME RETARDANT



DESCRIPTION:

Olympic XC and XF is a lightweight, expandable woven polyester sleeving that offers high flexibility with high resistance to abrasion and cut-through. The open weave allows for a great range of expansion of the sleeving diameter, thus ensuring ease of installation and gripping action over a wide range of shapes and sizes.

APPLICATION:

This sleeving is an ideal protective sleeve for wire bundles, harnesses, pneumatic hoses, hydraulic lines and highly polished, threaded machine parts or robots.

COLOR: XC100 Black, Other Colors Available
XF100 Black with White Tracer

CHARACTERISTICS:

Testing verifies that there is virtually no effect on the tensile strength and only a slight reduction in elongation (approx. 5%) of XC100 and XF100 when exposed to the following fluids: Cleaning Fluid, De-Icing Fluid, Fuel Oil, Gasoline, Hydraulic Fluid, Lubricating Oil, Salt Water, and Solvents.

SPECIFICATIONS:

MIL-Standard810B, Method 508
Passes UL VW-1 Flame Test,
XC100 is ROHS compliant.



GENERAL PURPOSE OLYMPIC NO. and SIZE	FLAME RETARDANT OLYMPIC NO. and SIZE	MINIMUM SUPPLIED I.D. (inch)	MAXIMUM SUPPLIED ID. (inch)	NOMINAL WALL THICK (inch)	WEIGHT lbs./1000 ft.
XC100 1/8"	XF100 1/8"	.0937	.125	.025	1.9
XC100 1/4"	XF100 1/4"	.125	.375	.025	2.7
XC100 3/8"	XF100 3/8"	.250	.625	.025	5.5
XC100 1/2"	XF100 1/2"	.250	.750	.025	7.5
XC100 3/4"	XF100 3/4"	.500	1.25	.025	12.5
XC100 1-1/4"	XF100 1-1/4"	.875	1.375	.025	15.9
XC100 1-1/2"	XF100 1-1/2"	1.00	2.00	.025	19.6
XC100 1-3/4"	XF100 1-3/4"	1.25	2.75	.025	26.3
XC100 2"	XF100 2"	1.50	3.5	.025	34.0
XC100 2-1/2"	XF100 2-1/2"	1.75	4.50	.025	46.5

FP-105 Flexible - Multi Purpose



FP-105 is an irradiated PVC material with high mechanical strength and excellent flexibility characteristics. Unlike non-irradiated expanded PVC tubing, FP-105 will not cold flow or melt, and longitudinal shrinkage is less than 10%.

PRODUCT FEATURES:

Available in long lengths. Flexible. Flame retardant. Shrinks evenly - will not split even over sharp edges. Solder iron resistant.

OLYMPIC NO. & SIZE	MINIMUM SUPPLIED I.D.	MAXIMUM RECOVERED I.D.	NOMINAL RECOVERED WALL THICK.	SPOOLS STANDARD PUT-UP
FP-105-3/64	.046"	.023"	.020"	100', 500'
FP-105-1/16	.062"	.031"	.020"	100', 500'
FP-105-3/32	.093"	.046"	.020"	100', 200'
FP-105-1/8	.125"	.062"	.025"	100', 200'
FP-105-3/16	.187"	.093"	.025"	100', 200'
FP-105-1/4	.250"	.125"	.025"	100', 200'
FP-105-3/8	.375"	.187"	.030"	100', 200'
FP-105-1/2	.500"	.250"	.030"	100'
FP-105-3/4	.750"	.375"	.035"	100'
FP-105-1	1.000"	.500"	.040"	100'
FP-105-1-1/2	1.500"	.750"	.045"	100'
FP-105-2	2.000"	1.000"	.050"	25', 50'

STOCK COLOR: Black

POLYOLEFIN FP-221



FP-221 is the most widely used, general purpose heat-shrinkable tubing. FP-221 is an irradiated flexible, flame retardant polyolefin tubing with a wide scope of applications. These include: harnessing, wire bundling, strain reliefs, or any application where components or cables must be insulated or packaged.

PRODUCT FEATURES:

- Wide range of colors
- Wide range of sizes
- Flexible
- Sunlight resistant*
- Flame retarded (except clear)
- UL and CSA accepted

OPERATING TEMPERATURE:

-55°C to +135°C

SHRINKAGE RATIO:

To 50% of supplied diameter at 121°C

APPLICABLE SPECIFICATIONS:

AMS-DTL-23053/5
MSFC-276B: Colors Type 1, Class 1
Clear Type 1, Class 2

LN 29807
AMS-3636B Colors
AMS-3637B Clear

PHYSICAL PROPERTIES:

Tensile Strength: 2500 PSI, nominal (176 kg/cm²)
Ultimate Elongation: 400% nominal
Longitudinal Shrinkage: 5% nominal
Specific Gravity: 1.3

*Not applicable to clear tubing

OLYMPIC NO. & SIZE	MINIMUM SUPPLIED I.D.	MAXIMUM RECOVERED I.D.	NOMINAL RECOVERED WALL THICK.	• STANDARD PKG. • 4' LGTHS. TOT. FTG	SPOOLS TOT. FTG
FP-221-3/64	.046"	.023"	.016"	100	1000
FP-221-1/16	.062"	.031"	.017"	100	1000
FP-221-3/32	.093"	.046"	.020"	100	500
FP-221-1/8	.125"	.062"	.020"	100	500
FP-221-3/16	.187"	.093"	.020"	100	500
FP-221-1/4	.250"	.125"	.025"	100	250
FP-221-3/8	.375"	.187"	.025"	100	200
FP-221-1/2	.500"	.250"	.025"	20	150
FP-221-3/4	.750"	.375"	.030"	20	250
FP-221-1	1.000"	.500"	.035"	20	250
FP-221-1-1/2	1.500"	.750"	.040"	20	125
FP-221-2	2.000"	1.000"	.045"	20	125
FP-221-3	3.000"	1.500"	.050"	8	100
FP-221-4	4.000"	2.000"	.055"	8	50

CHEMICAL PROPERTIES:

Corrosive Effect: passes copper corrosion test
Flammability: Self-extinguishing, non-dripping
Fungus Resistance: Does not support growth (ASTM G21)
Water absorption: 0.5% Max.

STOCK COLOR:
Black & Clear

ELECTRICAL PROPERTIES:

Dielectric Strength: 1300 V/mil (512 kV/cm)
Volume Resistivity: 10¹⁵ ohm-cm

LONG LENGTH SPOOLS:

FP-221 is available in long length spools for use in automatic cutting and marking equipment or where lengths of longer than 4' are required. Use of spooled FP-221 minimizes scrap, labor costs and allows a single inventory to fill many different types of applications

UL CSA TAGGED

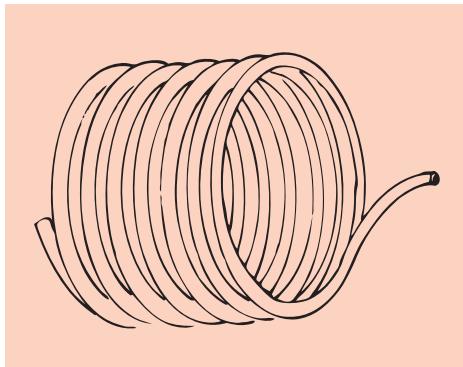
Olympic supplies this material from stock unmarked. If marking is required, please indicate on your order.



TUBING
PTFE

PTFE TUBING T-200-250 *M22129

UL LISTED 224



Olympic PTFE Tubing offers all the unique thermal, electrical and mechanical properties of PTFE. PTFE Tubing is rated for continuous operation at 260°C and retains an exceptional toughness and flexibility throughout its range.

At high frequencies, the dielectric strength of PTFE is many times that of other insulating materials.

PTFE Tubing is completely inert and has zero moisture absorption.

All PTFE Tubing types have the same electrical and chemical characteristics.

STOCK COLOR:
Natural

OLYMPIC NO. & SIZE (AWG)	NOMINAL INSIDE DIAMETER	THIN WALL T-200 NOM. WALL THICK.	STANDARD WALL T-250 NOM. WALL THICK.
T-200	T-250*		
T-200-30	—	.012"	.009"
T-200-28	—	.015"	.009"
T-200-26	—	.018"	.010"
T-200-24	T-250-24	.022"	.010"
T-200-22	T-250-22	.027"	.010"
T-200-20	T-250-20	.034"	.012"
T-200-19	T-250-19	.038"	.012"
T-200-18	T-250-18	.042"	.012"
T-200-17	T-250-17	.047"	.012"
T-200-16	T-250-16	.053"	.012"
T-200-15	T-250-15	.059"	.012"
T-200-14	T-250-14	.066"	.012"
T-200-13	T-250-13	.076"	.012"
T-200-12	T-250-12	.085"	.012"
T-200-11	T-250-11	.095"	.012"
T-200-10	T-250-10	.106"	.012"
T-200-9	T-250-9	.118"	.015"
T-200-8	T-250-8	.133"	.015"
T-200-7	T-250-7	.148"	.015"
T-200-6	T-250-6	.166"	.015"
T-200-5	T-250-5	.186"	.015"
T-200-4	T-250-4	.208"	.015"
T-200-3	T-250-3	.234"	.015"
T-200-2	T-250-2	.263"	.015"
T-200-1	T-250-1	.294"	.015"
T-200-0	T-250-0	.330"	.015"