

SECTION 1

ELECTRICAL - CABLE & ACCESSORIES

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ELECTRICAL - CABLE & ACCESSORIES NOTES

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IMPORTANT NOTES:

Prices are subject to change without notice. Please call us at any time to verify current pricing.

Regional Warehouse stocking of all products are subject to 1) manufacturer's policy, 2) regional customer need, and 3) price and availability. Please contact us to verify that specific products are in stock and available for sale in your area.

1. ELECTRICAL	2. PUMP ACC.	3. HOSE, PE PIPE & ACC.	4. IPS, PIP PIPE & ACC.	5. SURFACE	6. SPRINKLERS	7. TPAWELER & WHEEL MOVE	8. PIVOT	9. TURF	10. LOW VOLUME	11. FILTERS	12. INJECTION	13. HARDWARE	INDEX
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QUADRUPLIX ALUMINUM

Quadruplex aluminum is a 600 volt secondary UD cable, consisting of three individual phase conductors and one neutral conductor. Each of these conductors are individually insulated with a cross-linked polyethylene jacket, then twisted together to produce the Quadruplex cable configuration. Quadruplex is used for secondary power distribution and underground service at 600 volts or less, either direct burial or in duct.

Part No.	AWG Size	Neutral	Code Name	Lbs. / 1000'	Put-Ups
230025	#4	#4	Tulsa	263	12,000' or CTL
230035	#2	#4	Dyke	353	12,000' or CTL
230037	#2	#2	Wittenburg	382	12,000' or CTL
230055	#1/0	#2	Notre Dame	556	6,000' or CTL
230056	#1/0	#1/0	Purdue	614	6,000' or CTL
230065	#2/0	#1/0	Syracuse	686	6,000' or CTL
230085	#4/0	#2/0	Wake Forest	1014	6,000' or CTL
230095	#250MCM	#3/0	Rust	1213	3,000' or CTL
230105	#350MCM	#4/0	Slippery Rock	1596	3,000' or CTL
230205	#500MCM	#350MCM	Wofford	2251	1,500' or CTL



CABLE IN CONDUIT

This is quadruplex aluminum 600 volt secondary UD cable, encapsulated in a high density polyethylene conduit to provide protection to the cable from rodent damage, rock puncture, etc. Cable in Conduit can be ordered with kill wire, quadruplex aluminum cable, remote panel tray cable or any combination thereof. Ready to install, Cable in Conduit provides a cost effective, excellent option to manually stringing cable through a PVC conduit. Schedule 40 conduit, (Colorado UL listed) available in CO, WA, OR.

Part No.	AWG Size	Duct	Lbs. / 1000'	Put-Ups
240040	2 - #12	3/4"	160	6000' or CTL
240061	4 - #6 + 6 - #12	1-1/4"	624	6000' or CTL
240071	4 - #4	1-1/4"	487	6000' or CTL
240075	4 - #4 + 2 - #12	1-1/4"	579	6000' or CTL
240077	4 - #4 + 7 - #12	1-1/4"	631	6000' or CTL
240078	4 - #4 + 6 - #12	1-1/4"	608	6000' or CTL
240081	3 - #2 + 1 - #4	1-1/4"	574	6000' or CTL
240085	3 - #2 + 1 - #4 + 2 - #12	1-1/4"	666	6000' or CTL
240086	4 - #2 + 2 - #12	1-1/4"	693	6000' or CTL
240087	3 - #2 + 1 - #4 + 7 - #12	1-1/4"	712	6000' or CTL
240088	4 - #2	1-1/4"	603	6000' or CTL
240103	3 - #1/0 + 1 - #2 + 2 - #12	1-1/2"	889	4500' or CTL
240105	3 - #1/0 + 1 - #4 + 2 - #12	1-1/2"	867	4500' or CTL
240106	3 - #1/0 + 1 - #4	1-1/2"	821	4500' or CTL
240107	4 - #1/0	2"	1039	4500' or CTL
240205	3 - #2/0 + 1 - #2 + 2 - #12	2"	1169	3000' or CTL
240206	3 - #2/0 + 1 - #2	2"	1099	3000' or CTL
240206F	4 - #2/0	2"	1187	3000' or CTL
240305	3 - #4/0 + 1 - #2 + 2 - #12	2"	1428	3000' or CTL
240405	3 - #4/0 + 1 - #2	2"	1360	3000' or CTL
240405F	4 - #4/0	2"	1535	3000' or CTL
240450	3 - #250MCM + 1 - #1/0	2-1/2"	1885	1500'
240450F	4 - #250MCM	2-1/2"	2056	1500'
240505	3 - #350MCM + 1 - #4/0	2-1/2"	2272	1500'
240506	3 - #350MCM + 1 - #2/0	2-1/2"	2255	1500'
240506F	4 - #350MCM	2-1/2"	2508	1500'
240605	3 - #500MCM + 1 - #2/0	2-1/2"	2735	1500'
240605F	4 - #500MCM	3"	2973	1500'



COPPER TRAY CABLE W/ REDUCED GROUND

The copper tray cable in this section consists of three individual phase conductors and one reduced ground. It is designed to supply power to motors or for connection to other power devices. Rated for 600 volts, 90° C dry and 75° C wet, it is specifically approved for direct burial, wet or dry locations, and outdoor in cable trays where a sunlight resistant rating is required. It is constructed of bare soft annealed stranded copper with high dielectric PVC insulation covering the individual conductors. The individual conductors are assembled round with PVC fillers added as needed. A tape binder is applied over the assembly, then it is covered with an overall PVC jacket.

Part No.	AWG Size	Ground	Lbs. / 1000'	Put-Ups
305122	#12/3	#12	128	5000' or CTL
305202	#10/3	#10	198	5000' or CTL
305302	#8	#10	282	5000' or CTL
305402	#6	#8	417	4000' or CTL
305502	#4	#8	604	3000' or CTL
305602	#2	#6	940	2000' or CTL
305615	#1	#6	1193	1000' or CTL
305702	#1/0	#6	1442	1000' or CTL
305802	#2/0	#6	1731	1000' or CTL
305902	#3/0	#4	2159	1000' or CTL
305942	#4/0	#4	2617	1000' or CTL



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MULTI CONDUCTOR CABLE

UF/NMC-B (KILL WIRE)

This copper cable is normally used for underground feeder or branch circuit wiring for installation above or below ground, including direct burial, and in wet or corrosive locations. It is constructed of solid, annealed bare copper, having PVC insulation and a sunlight resistant PVC overall jacket. It may be purchased by the foot, or per 5,000 ft. spool. The 2 - #12 plain & w/ground is commonly used as "kill wire" in direct burial application.

Part No.	AWG Size	Description	Lbs. / 1000'	Put-Ups
115220801097	2 - #12	CDRS -THHN/THWN Stranded Conductor Black	86	5,000' or CTL
102220800075	2 - #12	UF/ NMC-B / Solid Conductor Grey	86	
170110	2 - #12 W/G	UF/ NMC-B / Solid Conductor Grey w/ Ground	100	
102310900075	3 - #10 W/G	UF/ NMC-B / Solid Conductor Grey w/ Ground	194	



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SOOW CABLE

RoHS Compliant, UL Listed and CSA Certified for indoor or outdoor use.

This copper cable has a wide variety of applications requiring flexibility and mechanical toughness, some of which include push button remote controls, industrial equipment, lighting, battery chargers, welding leads, power extensions, mining applications, and it's suitable and approved for submersion in water. Its flexible and tough jacket offers excellent abrasion, ozone, sunlight, chemical and oil resistance as well as being water and mold resistant. It is lightweight, long lasting, easy to carry and easy to handle. It is black in color, rated for 600 volts and operates between -40°C and 90°C temperature extremes. The color coded conductors provide easy identification.

Part No.	AWG Size	No. Conductors	Lbs. / 1000'	Put-Ups
55-88-99-05	#14	3	174	500'
55-81-02-05	#14	4	210	500'
55-80-94-05	#12	3	232	500'
55-80-95-05	#12	4	281	500'
55-80-97-05	#10	3	301	500'
55-80-96-05	#10	4	363	500'
55-80-88-05	#8	3	477	500'
55-80-93-05	#8	4	616	500'



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PROOF POSITIVE® SPAN CABLE

Copper Theft Epidemic: Theft of copper cable is on the rise due to global demand and increasing scrap value. Some estimates reflect 30,000 span cable thefts annually in the U.S., costing \$40 million to replace.

The Solution: Proof Positive® Span Cable: Proof Positive® Span Cable is a traceable, theft deterrent span cable that provides Ag dealers and growers with proof of ownership of their cable:

- Marker tape contains TraceID codes unique to every three inches.
- Upon sale, ownership data is entered in an online database (www.2IDCU.com) accessible to recyclers & law enforcement.
- Bright yellow outer jacket covering and marking provides a visual alert for recyclers and thieves that this is 'that traceable cable'.
- Recyclers can enter TraceID codes into a database to confirm ownership of suspected stolen cable.
- Law enforcement has physical proof for prosecution.

Part No.	AWG Size	Description	Lbs. / 1000'	Put-Ups
200050PPS	10C (10/4 - 14/6)	Span Cable	340 Lbs./Mft	6000'
231080PPS	11C (10/4 - 14/7)	Span Cable	400 Lbs./Mft	6000'

Agriculture's best defense against copper theft.



SPAN CABLE

This 600 volt cable has been designed specifically to operate electric motor driven irrigation systems - namely center pivot and linear move systems. Its construction consists of multiple conductors of stranded soft annealed uncoated copper with PVC and nylon insulation. Each conductor is color coded for easy and quick recognition. The insulated conductors are cabled together in a suitable lay with a mylar tape wrapped helically over the assembly. A corrugated or flat specially coated aluminum shield is bonded to a polyethylene outer jacket, with the inner side uncoated in order to make contact with the drain wire. The shielded drain is 16 AWG 7 strand T/C drain wire inserted under the aluminum shield for termination and grounding. The outer jacket is a minimum .050 inch thick sunlight resistant polyethylene cover which averages .750 inch outside diameter.

Part No.	AWG Size	Description	Lbs. / 1000'	Put-Ups
200060	10/4 - 14/7	Span Cable	525 Lbs.	5000' or CTL



SHIELDED MOTOR DROP

This 14 AWG 4 conductor color coded cable has been designed to operate electric motor driven irrigation systems. It is commonly used as "Motor Drop", supplying power from the tower box to the center drive motor. It consists of 4 conductors of stranded soft annealed uncoated copper, insulated in a PVC and nylon cover. These conductors are cabled utilizing a PVC inner jacket, and an aluminum shield bonded to a polyethylene outer jacket which provides excellent mechanical strength, moisture resistance and sunlight resistance.

Part No.	AWG Size	Description	Lbs. / 1000'	Put-Ups
200010	14/4	Motor Drop	190 Lbs.	500', 5000' or CTL



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Pivot System Cable**

ARMORED PERIMETER GUIDANCE CABLE

This is a direct burial cable designed specifically to guide center pivot corner systems. Its construction consists of a 14 AWG solid copper conductor insulated with sunlight resistant polyethylene, armored with 5mil stainless steel tape and having a 30mil black PVC sunlight resistant jacket overall.

Part No.	AWG Size	Description	Lbs. / 1000'	Put-Ups
220023	14/1	Armored Perimeter Cable	90	7,000' - 11,000' - 13,000' or CTL



SHIELDED BURIED SIGNAL CABLE

This is a multi pair direct burial shielded cable designed to carry a signal to irrigation control equipment. It's constructed of stranded soft annealed tin coated copper conductor with high density polyethylene insulation. The insulated conductors are twisted into a pair and then cabled together with an aluminum mylar shield helically applied with a 20 AWG tinned copper drain wire laid under the shield, with an overall polyethylene jacket.

Part No.	AWG Size	Description	Lbs. / 1000'	Put-Ups
19G2PR0001	19/4 (2 pair)	Shielded Buried Signal Cable	86	10,000' or CTL



REMOTE PANEL TRAY CABLE

This is a multi conductor tray cable specifically designed as control or instrumentation cable. Its uses include control, power, lighting, signals and relay or traffic control. It is rated 600 volts, 90° C dry and 75° C wet, and is approved for outdoors in cable trays where a sunlight resistant rating is required, or for direct burial. It is constructed of bare bunch stranded soft annealed copper with high dielectric PVC insulation covering the individual conductors. Individual conductors are assembled round with PVC fillers added as needed, then covered with an overall PVC jacket.

Part No.	AWG Size	Description	Lbs. / 1000'	Put-Ups
P233005	14/7	Tray/Remote Panel Wire	145	5,000' or CTL
P233105	12/7	Tray/Remote Panel Wire	207	6,000' or CTL
P680483	12/9	Tray/Remote Panel Wire	303	5,000' or CTL



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