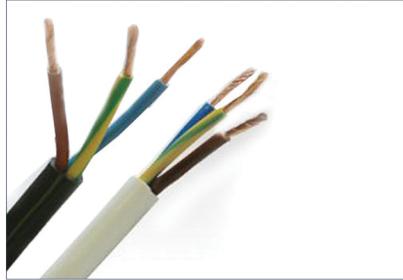




TYPES CU AND CR PVC INSULATED CABLES

BS 6231



Application: These cables are used for wiring of switch, control, metering, relay and instrument panels of power switchgear and for internal connections in rectifier equipment, motor starters and controllers.

Construction

- Conductor : Plain annealed copper solid as per class 1 of BS 6360 (Type CU) or stranded as per class 2 of BS 6360 (Type CR).
- Insulation : PVC type T13 as per BS 7655. Black, blue, brown, gray, red, white, yellow & green/yellow colours can be manufactured.

Technical Date :

- Temperature range : -25^{1/4}C to +90^{1/4}C
- Working voltage : 600 / 1000 Volts.
- Conductor resistance : As per class 1 or 2 of BS 6360
- Flame retardance : IEC 60332-1
- Printing Legend Example : TYPE CR 1.5 HEAT RESISTING 90 600/1000V MESC 2005

Dimensional Details

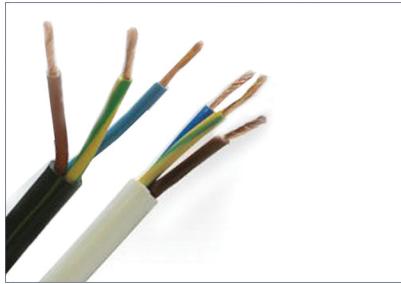
Order No.	MESC CODE		Cores X Size No.XSq.mm	Strand X Diameter No.X mm	Insulation Thickness mm	Approx. O. D mm.	Approx. Weight Kg/Km
71059	7B61-01C00100-U0BK1-00		1.0	1X1.13	0.8	2.8	17
71060	7B61-01C00150-U0BK1-00		1.5	1X1.38	0.8	3.0	22
71061	7B61-01C00250-U0BK1-00	CU	2.5	1X1.78	0.8	3.5	33
71062	7B11-01C00100-U0BK1-00		1.0	7X0.43	0.8	3.0	18
71063	7B11-01C00150-U0BK1-00		1.5	7X0.53	0.8	3.3	24
71064	7B11-01C00250-U0BK1-00		2.5	7X0.67	0.8	3.7	35
71065	7B11-01C00400-U0BK1-00		4	7X0.85	0.8	4.2	51
71066	7B11-01C00600-U0BK1-00		6	7X1.04	0.8	4.8	72
71067	7B11-01C01000-U0BK1-00		10	7X1.35	1.0	6.2	120
71068	7B11-01C01600-U0BK1-00	CR	16	7X1.7	1.0	7.2	180
71069	7B11-01C02500-U0BK1-00		25	7X2.14	1.2	8.9	283
71070	7B11-01C03500-U0BK1-00		35	7X2.52	1.2	10.1	382
71071	7B11-01C05000-U0BK1-00		50	19X1.78	1.4	11.8	514
71072	7B11-01C07000-U0BK8-00		70	19X2.14	1.4	13.8	723
71073	7B11-01C09500-U0BK8-00		95	19X2.52	1.6	16.0	999
71074	7B11-01C12000-U0BK8-00		120	37X2.03	1.6	17.6	1238
71075	7B11-01C15000-U0BK8-00		150	37X2.25	1.8	19.5	1523

Packing: Upto sizes 35 Sq.mm-shrinked wrapped coils of 100Yards.
For 50mm² and above 500/1000 Meter on wooden drums.

Colors : For other colours than black, please replace "BK" in the MESC code by "BL" for blue "BN" for brown, "GY" for Gray, "RD" for red. "WT" for white "YL" for Yellow and "OR" for orange, "PK" for pink, "VT" for violet, "TR" for Turquoise, "GN" for Green and "YG".

TYPES BK AND BR PVC INSULATED CABLES

BS 6231



Application: These cables are used for wiring of switch, control, metering, relay and instrument panels of power switchgear and for internal connections in rectifier equipment, motor starters and controllers.

Construction

- | Conductor : Plain annealed copper flexible as per class 5 of BS 6360.
- | Insulation : PVC type T11 as per BS 7655. Black, blue, brown, gray, red, white, yellow & green/yellow colours can be manufactured.

Technical Date :

- | Temperature range : -25 $\frac{1}{4}$ C to +70 $\frac{1}{4}$ C
- | Working voltage : 600 / 1000 Volts.
- | Conductor resistance : As per class 1 or 2 of BS 6360
- | Flame retardance : IEC 60332-1
- | Printing Legend Example : TYPE BK 1.5 600 / 1000V MESC 2005

Dimensional Details

Order No.	MESC CODE	Cores X Size No.XSq.mm	Strand X Diameter No.X mm	Insulation Thickness mm	Approx. O. D mm.	Approx. Weight Kg/Km
51035	5B81-01C00050-U0BK1-00	0.5	16X0.2	0.8	2.6	13
51036	5B81-01C00075-U0BK1-00	0.75	24X0.2	0.8	2.8	17
51037	5B81-01C00100-U0BK1-00	1.0	32X0.2	0.8	3.0	20
51038	5B81-01C00150-U0BK1-00	1.5	30X0.25	0.8	3.2	24
51039	5B81-01C00250-U0BK1-00	2.5	50X0.25	0.8	3.7	35
51040	5B81-01C00400-U0BK1-00	4	56X0.3	0.8	4.2	51
51041	5B81-01C00600-U0BK1-00	6	84X0.3	0.8	4.8	71
51042	5B81-01C01000-U0BK1-00	10	80X0.4	1.0	6.2	119
51043	5B81-01C01600-U0BK1-00	16	126X0.4	1.0	7.9	179
51044	5B81-01C02500-U0BK1-00	25	196X0.4	1.2	9.7	277
51045	5B81-01C03500-U0BK1-00	35	276X0.4	1.2	11.1	375
51046	5B81-01C05000-U0BK8-00	50	396X0.4	1.4	13.1	535
51047	5B81-01C07000-U0BK8-00	70	360X0.5	1.4	15.7	774
51048	5B81-01C09500-U0BK8-00	95	475X0.5	1.6	17.9	1022
51049	5B81-01C12000-U0BK8-00	120	608X0.5	1.6	19.8	1284
51050	5B81-01C15000-U0BK8-00	150	760X0.5	1.8	22.1	1604

Packing: Upto sizes 35 Sq.mm-shrinked wrapped coils of 100 Yards.

For 50mm² and above 500/1000 Meter on wooden drums.

Colors : For other colours than black, please replace "BK" in the MESC code by "BL" for blue "BN" for brown, "GY" for Gray, "RD" for red. "WT" for white "YL" for Yellow and "YG" for Green/Yellow.