

M E S C

Middle East Specialized Cable

TYPES BU 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:

1. Conductor	Plain annealed copper solid as per class 1 of BS 6360 (Type BU) or stranded as per class 2 of BS 6360 (TYPE BR).
2. Insulation	PVC type TI1 as per BS 7655. Black, blue, brown, grey, red, white, yellow & green/yellow colours can be manufactured.

TECHNICAL DATA:

1. Temperature range	- 25°C to + 70°C
2. Working voltage	600/1000 Volts.
3. Conductor resistance	As per class 1 or 2 of BS 6360
4. Flame retardance	IEC 60332-1
5. Printing Legend (Example)	TYPE BR 1.5 600/1000V MESC YEAR

DIMENSIONAL DETAILS

Order No.	*MESC CODE For Black color	BS TYPE	SIZE	STRAND X DIA	INSULATION THICKNESS	APPROX. O. D.	APPROX. WEIGHT
			Sq. mm	No. x mm	mm	mm	kg/km
71042	7A61-01C00100-U0BK1-00	BU	1.0	1X1.13	0.8	2.8	17
71043	7A61-01C00150-U0BK1-00		1.5	1X1.38	0.8	3.1	22
71044	7A61-01C00250-U0BK1-00		2.5	1X1.78	0.8	3.5	33
71045	7A11-01C00100-U0BK1-00	BR	1.0	7X0.43	0.8	3.0	18
71046	7A11-01C00150-U0BK1-00		1.5	7X0.53	0.8	3.3	24
71047	7A11-01C00250-U0BK1-00		2.5	7X0.67	0.8	3.7	35
71048	7A11-01C00400-U0BK1-00		4	7X0.85	0.8	4.2	51
71049	7A11-01C00600-U0BK1-00		6	7X1.04	0.8	4.8	72
71050	7A11-01C01000-U0BK1-00		10	7X1.35	1.0	6.2	120
71051	7A11-01C01600-U0BK1-00		16	7X1.7	1.0	7.2	180
71052	7A11-01C02500-U0BK1-00		25	7X2.14	1.2	8.9	283
71053	7A11-01C03500-U0BK1-00		35	7X2.52	1.2	10.1	382
71054	7A11-01C05000-U0BK8-00		50	19X1.78	1.4	11.8	514
71055	7A11-01C07000-U0BK8-00		70	19X2.14	1.4	13.6	723
71056	7A11-01C09500-U0BK8-00		95	19X2.52	1.6	16.0	999
71057	7A11-01C12000-U0BK8-00		120	37X2.03	1.6	17.6	1238
71058	7A11-01C15000-U0BK8-00		150	37X2.25	1.8	19.5	1523

*For other colour than Green, please replace GN in the code by 'BL' for Blue, 'BN' for brown, 'YG' for Green/Yellow, 'GY' for Grey, 'OR' for Orange, 'PK' for Pink, 'RD' for Red, 'TR' for Turquoise, 'VT' for Violet, 'WT' for White, 'BK' for Black and 'YL' for Yellow.