

0.6/ 1.0 KV Control Cable
1.5mm² to 4.0mm²
PVC Insulation and Sheath



C2671 TO C2688

Applications

use in a broad range of commercial, in industrial and utility applications where maximum demanded and may be installed indoors, outdoors, underground, ducts(conduits), on trays or ladders.

Design

Unit	Properties
Conductor	Solid or stranded bare copper wire
Insulation	PVC Black cores with number identified.
Filling	Non-hygroscopic binder tape
Bedding	PVC
Armour	Galvanized Steel Wire
Outer Sheath Material	PVC Standard Colour: Black
Standard Put Up Length	500 or 1000m

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

Electrical Characteristics at 20°C

Conductor Gauge (sq mm)	Max. DC Resistance (Ohm/km)	Rated Temperature (°C)	Rated Voltage (KV)
1.5	< 12.1	0 to +85	0.6/1.0
2.5	< 7.41	0 to +85	0.6/1.0
4.0	< 4.61	0 to +85	0.6/1.0

Constructional Information

1.5mm² Stranded Conductor type class 2

P/N	Cross Sectional Area (mm ²)	Minimum number of conductor wires	Nom. Thickness of insulation (mm)	Nom. Diameter of steel wire (mm)	Nom. Thickness of jacket (mm)	Overall Diameter (mm)	Nom. Weight (kg/km)
C2671	7*1.5	7	0.8	1.25	1.8	18.5	715
C2672	12*1.5	7	0.8	1.25	1.8	22.5	995
C2673	19*1.5	7	0.8	1.60	1.8	25.8	1415
C2674	24*1.5	7	0.8	1.60	1.8	29.1	1685
C2675	30*1.5	7	0.8	1.60	1.8	30.4	1890
C2676	37*1.5	7	0.8	1.60	1.9	32.7	2175

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2.5mm² Stranded Conductor type class 2

P/N	Cross Sectional Area (mm ²)	Minimum number of conductor wires	Nom. Thickness of insulation (mm)	Nom. Diameter of steel wire (mm)	Nom. Thickness of jacket (mm)	Overall Diameter (mm)	Nom. Weight (kg/km)
C2677	7*2.5	7	0.8	1.25	1.8	20.0	835
C2678	12*2.5	7	0.8	1.25	1.8	24.1	1180
C2679	19*2.5	7	0.8	1.60	1.8	27.8	1705
C2680	24*2.5	7	0.8	1.60	1.9	31.8	2070
C2681	30*2.5	7	0.8	1.60	1.9	33.2	2335
C2682	37*2.5	7	0.8	1.60	2.0	35.8	2715

4.0mm² Stranded Conductor type class 2

P/N	Cross Sectional Area (mm ²)	Minimum number of conductor wires	Nom. Thickness of insulation (mm)	Nom. Diameter of steel wire (mm)	Nom. Thickness of jacket (mm)	Overall Diameter (mm)	Nom. Weight (kg/km)
C2683	7*4.0	7	1.0	1.25	1.8	22.7	1100
C2684	12*4.0	7	1.0	1.60	1.8	29.0	1770
C2685	19*4.0	7	1.0	1.60	1.9	33.1	2360
C2686	24*4.0	7	1.0	2.00	2.1	39.5	3230
C2687	30*4.0	7	1.0	2.00	2.1	41.4	3665
C2688	37*4.0	7	1.0	2.00	2.2	44.4	4235

Reference Standards

IEC 60228	IEC:502 type ST2
BS6746 Type 5,	RoHS directives