

Heat Resistant Cable

0.75mm² to 4.0mm²

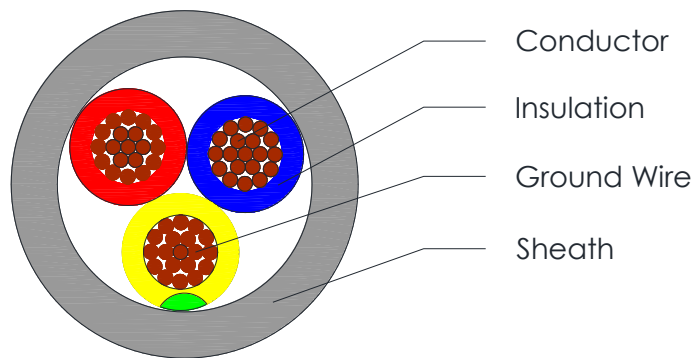
PVC Insulation and Sheath



C461 I TO C4630

Applications

Flexible cables under medium pvc sheath heat resistant to a max temperature of 105°C on the conductor.



Design

Unit	Properties
Conductor	Flexible bare copper wire, Class5
Insulation	PVC Yellow/Green Ground wire for more than 2 cores.
Outer Sheath Material	PVC Standard Colour: Grey
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 (V)
0.75	≤ 26.0	+5 to +105 on the conductor	300/500
1.00	≤ 19.5	+5 to +105 on the conductor	300/500
1.50	≤ 13.3	+5 to +105 on the conductor	300/500
2.50	≤ 7.98	+5 to +105 on the conductor	300/500
4.00	≤ 4.95	+5 to +105 on the conductor	300/500

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C4611 TO C4630

Constructional Information

P/N	Cross Sectional Area (mm ²)	Max. Diameter of wires	Nom. Thickness of insulation (mm)	Nom. Thickness of jacket (mm)	Overall Diameter (mm)
C4611	2×0.75	0.21	0.6	0.8	6.20
C4612	2×1.00	0.21	0.6	0.8	6.50
C4613	2×1.50	0.26	0.7	0.8	7.40
C4614	2×2.50	0.26	0.8	1.0	9.10
C4615	2×4.0	0.31	0.8	1.1	10.4
C4616	3G0.75	0.21	0.6	0.8	6.55
C4617	3G1.00	0.21	0.6	0.8	6.90
C4618	3G1.50	0.26	0.7	0.9	8.10
C4619	3G2.50	0.26	0.8	1.1	9.90
C4620	3G4.0	0.31	0.8	1.2	11.3
C4621	4G0.75	0.21	0.6	0.8	7.2
C4622	4G1.00	0.21	0.6	0.9	7.8
C4623	4G1.50	0.26	0.7	1.0	9.0
C4624	4G2.50	0.26	0.8	1.1	10.8
C4625	4G4.0	0.31	0.8	1.2	12.3
C4626	5G0.75	0.21	0.6	0.9	8.05
C4627	5G1.00	0.21	0.6	0.9	8.5
C4628	5G1.50	0.26	0.7	1.1	10.1
C4629	5G2.50	0.26	0.8	1.2	12.0
C4630	5G4.0	0.31	0.8	1.4	13.9

Reference Standards

IEC 60228	EN 50525
BS 6004	BS6300
RoHS directives	