

Heat Resistant Cables

Three Core, Un-Screened, PVC Sheath

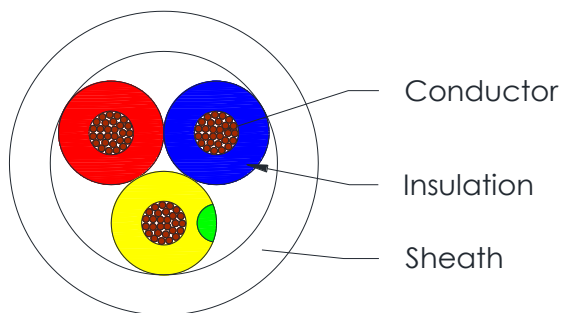


C4138, C4139, C4140, C4141

Applications

Suitable for the power supply of home appliances that are not protected from damage during handling and / or use. Also used for final lighting connections.

Cross Section Drawing



Design

Unit	Properties
Conductor	Class5 Bare Copper wire
Insulation	Silicon Rubber Core 1: Red Core 2: Blue Core 3: Yellow/green
Sheath Material	Heat Resistant PVC Colour: White or Red
Standard Put Up Length	305 and 500 meters

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

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Physical Characteristics

Part Number	C4138	C4139	C4140	C4141
No of cores x cross section in sqmm (mm ²)	3 x 1.5	3 x 2.5	3 x 4.0	3 x 6.0
Nom. Overall Diameter (mm)	8.4	10.4	11.9	13.1
Cable Weight (Kg/km)	115	165	240	315
Operating Temperature (°C)	0 to +90 (up to 105 for short duration)			
Short-Circuit Temperature (°C)	305			
Minimum bending radius (mm)	84	104	119	131

Electrical Characteristics (at 20°C)

Part Number	C4138	C4139	C4140	C4141
Max. DC Resistance Conductor (Ω /km)	13.3	7.98	4.95	3.30
Test Voltage (V)	2000			
Max. Operating Voltage U_0/U (Vrms)	300/500			

Reference Standards

IEC 60228 Class5	BS 6500/1994
IEC 60332-1-2	RoHS Directives