

Tray Cable-Power Cable

**3C, 10AWG, 600V, PVC/Nylon Insulation
Unscreened, PVC Sheath**

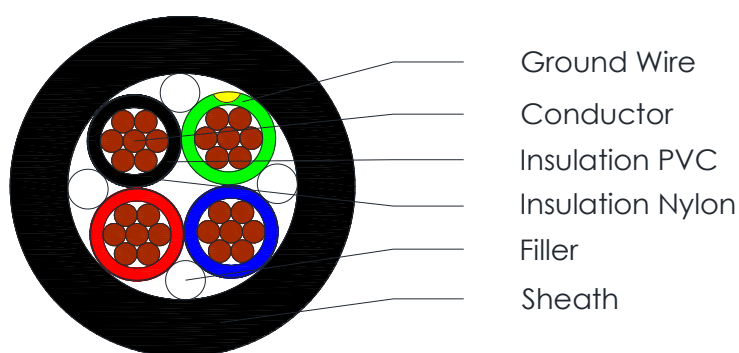


C2698

Applications

600volt power cable for use in primary power and feeder circuits in a broad range of commercial and industrial applications.

Cross Section Drawing



Design

Unit	Properties
Conductor	Flexible Bare Copper wire
Insulation	Polyvinyl Chloride/Nylon Colours for cores: BLACK & RED& BLUE Ground Wire: GREEN/Yellow
Filler	Yes
Sheath Material	UV Resistant & Flame Retardancy Polyvinyl Chloride (PVC) Standard Colour: Black
Standard Put Up Length	305 metres

*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	C2698
No of cores	3
Nom. Conductor Configuration (AWG)	10(7x19)
Insulation Thickness of PVC (mm)	0.50
Insulation Thickness of Nylon (mm)	0.10
Ground Wire Conductor Size (AWG)	10(7x19)
Nom. Radial Thickness Sheath (mm)	1.14
Nom. Overall Diameter (mm)	11.7
Operating Temperature (°C)	+90
Emergency Overload Temperature (°C)	+130
Short circuit Temperature (°C)	+250
Min. Bend Radius (install) (mm)	117
Nominal Cable Weight (kg/km)	283

Electrical Characteristics

Part Number	C2698
No of pairs	1
Nom. DC Resistance Conductor (Ω /km)	3.90
Max. Operating Voltage (Vrms)	600

Reference Standards

IEC 60332-1
IEC 60228
BS/EN 50290
RoHS directives