

Instrumentation cable – I pr

I 6AWG Power Limited Tray Cable, 300V Unscreened, PVC Sheath

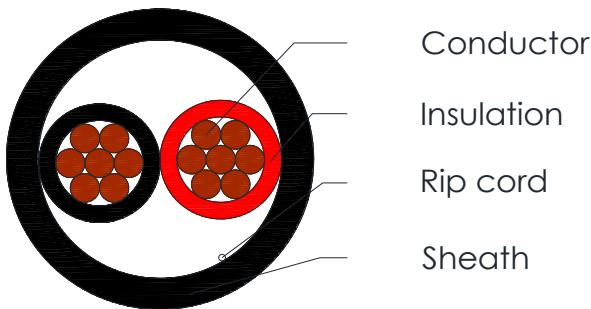


C2830

Applications

Power limited tray cable (PLTC) is designed for installation indoors or outdoors, aerially, in conduits, ducts and cable trays in circuits not exceeding 300 volts. PLTC is often used in industrial control systems, intercom systems, burglar alarms and point-of-sale systems.

Cross Section Drawing



Design

Unit	Properties
Conductor	Flexible Bare Copper wire
Insulation	Polyvinyl Chloride Colours for pairs: Black & Red
Rip cord	Nylon yarn
Sheath Material	UV Resistant 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	C2830
No of pairs	1
Nom. Conductor Configuration (AWG)	16(7x24)
Insulation Diameter (mm)	2.30
Nom. Radial Thickness Sheath (mm)	0.95
Nom. Overall Diameter (mm)	6.6
Operating Temperature (°C)	-30/ +105
Max. Recommend. Pulling Tension (N)	318
Min. Bend Radius (install) (mm)	66
Nominal Cable Weight (kg/km)	51

Electrical Characteristics

Part Number	C2830
No of pairs	1
Nom. DC Resistance Conductor (Ω /km)	12.2
Max. Operating Voltage (Vrms)	300

Reference Standards

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