



Product Code: C1618U

Control, Security, Audio, BMS, 6 Conductor, 18 AWG, BC, PP Ins, PVC, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 6 Conductor, 18 AWG, Stranded Bare Copper Conductor, Polypropylene Insulation, CMR Polyvinyl Chloride Jacket with 210D Nylon Rip Cord

TECHNICAL SPECIFICATION

Suitable Application Control, Audio, Data, Monitoring Building Management System.

Conductor

Element	Conductor(s)
No. of Element	6
Size	18 AWG
Stranding	7x26
Material	Bare Copper

Insulation

Material	PP - Polypropylene
Nominal Thickness (mm)	0.23
Nominal Diameter (mm)	1.60±0.10
Color Code	Black, Red, White, Green, Blue, Brown

Outer Jacket

Material	CMR Polyvinyl Chloride
Nominal Thickness (mm)	0.43
Nominal Diameter (mm)	5.6±0.10
Rip Cord	Yes

MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-20°C to +75°C
Bend Radius (mm)	56.0
Max Pull Tension	65.0 kg

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<21.3
20°C Ins Resistance (MΩ.km)	>200
Nominal Conductor DCR	6.5 Ohm/305 m
Voltage	300V (CMR)

STANDARDS & COMPLIANCE

- Environmental Suitability: Indoor-Riser, Indoor
- Flammability/Reaction to Fire: UL 1666 Riser: IEC 60332-1-2, FT4
- CPR Compliance: CPR Euroclass: Eca
- RoHS2(2011/65/EU Compliant)
- UL Number E535337

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