



Product Code: **C1818U**

Control, Security, Audio, BMS, 8 Conductor, 18 AWG, BC, PP Ins, PVC, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 8 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	8
Size	18 AWG
Stranding	7x26
Material	Bare Copper

Insulation

Material	PP - Polypropylene
Nominal Thickness (mm)	0.30
Nominal Diameter (mm)	1.80±0.10
Color Code	Black, Red, White, Green Brown, Blue, Orange, Yellow

Outer Jacket

Material	CMR Polyvinyl Chloride
Nominal Thickness (mm)	0.46
Nominal Diameter (mm)	6.20±0.10
Rip Cord	Yes (Nylon-210D)

Operating Temperature (°C)	-20°C to +75°C
Bend Radius (mm)	62.0
Max Pull Tension	81.0 kg

MECHANICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<21.3
20°C Insulation Resistance(MΩ/km)	>200
Nominal Conductor DCR	6.80 Ohm/305 m
Voltage	300V

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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