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## Product Code C1818F

Control, Security, Audio, BMS, 8 Conductor, 18 AWG, Shielded, PVC, CMR

### Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 8 Conductor 18 AWG stranded bare copper conductor Polypropylene insulation shielded-CMR Jacket with 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 Shield

Shield Type	Tape
Material	Al-PET Shield
Coverage	>=115%
Drain Wire Type	24 AWG Tinned Copper

#### Outer Jacket

Material	CMR PVC
Nominal Thickness (mm)	0.46
Nominal Diameter (mm)	6.20±0.10
Rip Cord	Yes

### ELECTRICAL CHARACTERISTICS

#### Electrical

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

### MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-20°C to +75°C
Bend Radius (mm)	62.0
Max Pull Tension	87 kg
Bulk Cable Weight	25 kg/305 m

### 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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