



Product Code **C1618F**

Control, Security, Audio, BMS, 6 Conductor, 18 AWG, Shielded, PVC, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 6 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	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 Shield

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

Outer Jacket

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

ELECTRICAL CHARACTERISTICS

Electrical

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

MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-20°C to +75°C
Bend Radius (mm)	56.0
Max Pull Tension	65.0 kg
Bulk Cable Weight	19.5 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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