



Product Code: C1618F

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, Shielded, 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 Shield

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

Outer Jacket

Material	CMR Polyvinyl Chloride
Nominal Thickness (mm)	0.43
Nominal Diameter (mm)	5.6±0.10
Rip Cord	Yes (Nylon-210D)

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<21.3
20°C Ins Resistance (MΩ.km)	>200
Nominal Conductor DCR	6.50 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 kgs/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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