



Product Code: C1416F

Control, Security, Audio, BMS, 4 Conductor, 16 AWG, BC, PP Ins, PVC, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 4 Conductor, 16 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	4
Size	16 AWG
Stranding	19x29
Material	Bare Copper

Insulation

Material	PP-Polypropylene
Nominal Thickness (mm)	0.20
Nominal Diameter (mm)	1.85±0.1x4C
Color Code	Black, Red, White, Green

Outer Shield

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

Outer Jacket

Material	CMR Polyvinyl Chloride
Nominal Thickness (mm)	0.43
Nominal Diameter (mm)	5.44±0.2
Rip Cord	Yes (Nylon-210D)

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<15.4
20°C Ins. Resistance(MΩ.KM)	>200
Nominal Conductor DCR	4.10 Ohm/305 m
Voltage	300V (CMR)

MECHANICAL CHARACTERISTICS

Temperature Range (°C)	-20°C to +75°C
Bend Radius (mm)	53.34
Max Pull Tension	66 kg
Bulk Cable Weight	20 kgs/305 m

STANDARDS & COMPLIANCE

Reaction to Fire: UL 1666 Riser: IEC 60332-1-2

UL Compliance: CMR

RoHS2(2011/65/EU Compliant)

UL Number E535337

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