



Product Code: C1416U

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, 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)	2.10±0.10
Color Code	Black, White, White, Green

Outer Jacket

Material	CMR Polyvinyl Chloride
Nominal Thickness (mm)	0.43
Nominal Diameter (mm)	5.4±0.10
Rip Cord	Yes (Nylon-210D)

MECHANICAL CHARACTERISTICS

Temperature Range (°C)	-20°C to +75°C
Bend Radius (mm)	53.0
Max Pull Tension	53 kg
Bulk Cable Weight	19 kgs/305 m

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<14.0
20°C Ins. Resistance(MΩ.KM)	>200
Nominal Conductor DCR	4.10 Ohm/305 m
Voltage	300V (CMR)

STANDARDS & COMPLIANCE

Flammability /Reaction to Fire: UL 1666 Riser, FT4: IEC 60332-1-2

CPR Compliance: CPR Euroclass: Eca

NEC/UL Compliance

RoHS2(2011/65/EU Compliant)

UL Number E535337

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