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UL LISTED

Product Code **C1416F**

Control, Security, Audio, BMS, 4 Conductor, 16 AWG, Shielded, PVC, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 4 Conductor 16 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	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 PVC
Nominal Thickness (mm)	0.43
Nominal Diameter (mm)	5.44±0.2
Rip Cord	Yes

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<15.4
Nominal Conductor DCR	4.1 Ohm/305 m
Nominal Capacitance	100 pF/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 kg/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

CE RoHS Compliant

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