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Product Code **C1418F**



Control, Security, Audio, BMS, 4 Conductor, 18 AWG, Shielded, PVC, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 4 Conductor 18 AWG stranded bare copper conductor polypropylene insulation shielded and PVC Jacket with Rip Cord

TECHNICAL SPECIFICATION

Suitable Application Control, Audio, Data, Monitoring Building Management System.

Conductor

Element	Conductor(s)
No. of Element	4
Size	18 AWG
Stranding	7x26
Material	Bare Copper

Insulation

Material	PP-Polypropylene
Nominal Thickness (mm)	0.23
Nominal Diameter (mm)	1.6±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)	4.78±0.2
Rip Cord	Yes

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<21.6
20°C Insulation Resistance(MΩ/km)	>200
Nominal Capacitance	159 pF/m
Voltage	300V (CMR)

MECHANICAL CHARACTERISTICS

Temperature Range (°C)	-20°C to +75°C
Bend Radius (mm)	49
Max Pull Tension	47 kg
Bulk Cable Weight	14 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

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