



Product Code: C1418F-P

Control, Security, Audio, BMS, 2 Pairs, 18 AWG, BC, PVC Ins, PVC Jacket, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 2 Pairs, 18 AWG, Stranded Bare Copper Conductor with Polyvinyl Chloride Insulation, Shielded, CMR Polyvinyl Chloride Jacket with 210 Nylon Rip Cord

TECHNICAL SPECIFICATION

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

Conductor

Element	Pair(s)
No. of Element	2
Size	18 AWG
Stranding	7x26
Material	Bare Copper

Insulation

Material	PVC - Polyvinyl Chloride
Nominal Thickness (mm)	0.19
Nominal Diameter (mm)	1.60±0.10x2C
Color Code	Black & Red, Black & White

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)	6.35±0.20
Rip Cord	Yes (Nylon-210D)

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance @20° C(Ω/Km)	<21.6
20° C Ins. Resistance(Ω.Km)	>200
Nominal Conductor DCR	6.50 Ohm/305 m
Voltage	300V

MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-20°C to +75°C
Bend Radius Min(mm)	64.2
Max Pull Tension	47 Kg

STANDARDS & COMPLIANCE

Environmental Suitability: Indoor-Riser, Indoor

Flammability Fraction to Fire: IEC-60332-1-2

RoHS2(2011/65/EU Compliant)

UL Number E535337

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