



Product Code: C1218U

Control, Security, Audio, BMS, 2 Conductor, 18 AWG, BC, PP Ins., PVC, CMR

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 2 Conductor, 18 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	2
Size	18 AWG
Stranding	7x26
Material	Bare Copper

Insulation

Material	PP - Polypropylene
Nominal Thickness (mm)	0.23
Nominal Diameter (mm)	1.60±0.10x2C
Color Code	Black, Red

Outer Jacket

Material	CMR - Polyvinyl Chloride
Nominal Thickness (mm)	0.43
Nominal Diameter (mm)	4.0±0.20
Rip Cord	Yes (Nylon-210D)

MECHANICAL CHARACTERISTICS

Temperature Range (°C)	-20°C to +75°C
Bend Radius (mm)	40.64
Max Pull Tension	21 kg
Bulk Cable Weight	6.8 kg/305 m

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<21.6
20°C Ins. Resistance (MΩ.KM)	>200
Nominal Conductor DCR	6.50 Ohm/305 m
Voltage	300V (CMR)

STANDARDS & COMPLIANCE

Environmental Suitability: Indoor-Riser, Indoor
 Flammability /Reaction to Fire: UL 1666 Riser, FT4: IEC 60332-1-2
 NEC/UL Compliance
 RoHS2(2011/65/EU Compliant)
 UL Number E535337

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