



Product Code: C2218F

Control, Security, Audio, BMS, 2 Conductor, 18 AWG, BC, PP Ins, LSZH, Eca

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 2 Conductor, 18 AWG, Stranded Bare Copper Conductor, Polypropylene Insulation, Shielded, Low Smoke Zero Halogen 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)	0.20
Nominal Diameter (mm)	1.60±0.10x2C
Color Code	Black, Red

Outer Shield

Shield Type	Tape
Material	Al-PET Shield
Coverage	>=115%
Drain Wire Type	24 AWG Tinned Copper

Outer Jacket

Material	Low Smoke Zero Halogen
Nominal Thickness (mm)	0.41
Nominal Diameter (mm)	4.11±0.20
Rip Cord	Yes (Nylon-210D)

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

MECHANICAL CHARACTERISTICS

Temperature Range (°C)	-20°C to +70°C
Bend Radius Min(mm)	41.0
Max Pull Tension	9 kg

STANDARDS & COMPLIANCE

Indoor-Euroclass Eca Non-Halogenated

CPR Euroclass: Eca: CPR UKCA Class: Eca: IEC 60332-1-2

IEC 61034-2- Smoke Density Min Transmittance = 60%

IEC 62821-1 Halogen Free Compliance = Yes, IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2

RoHS2(2011/65/EU Compliant)

UL Number E535337

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