



Product Code: C21218F

Control, Security, Audio, BMS, 6 Pairs/12 Conductors, 18 AWG, BC, PP Ins, LSZH, Eca

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 6 Pairs/12 Conductors, 18 AWG, Stranded Bare Copper Conductor, Polypropylene Insulation, Shielded, Low Smoke Zero Halogen Jacket with Rip Cord.

TECHNICAL SPECIFICATION

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

Conductor

Element	Conductor(s)
No of Elements	12
Size	18 AWG
Stranding	7x26
Material	Bare Copper

Insulation

Material	PP - Polypropylene
Nominal Thickness (mm)	0.20
Nominal Diameter (mm)	1.20±0.1x2C
Color Code	Black & Red, Black & White, Black & Brown, Black & Green, Black & Blue, Black & Yellow

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)	0.40
Nominal Diameter (mm)	5.8±0.20
Rip Cord	Yes (Under Sheath)

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C(Ω/km)	<54.2
20°C Ins. Resistance (MΩ.KM)	>200
Nominal Conductor DCR	21.3 Ohm/305 m
Voltage	300V (CMR)

MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-20°C to +70°C
Bend Radius (mm)	88.0
Max Pull Tension	61 kg

STANDARDS & COMPLIANCE

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

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