



Product Code: C2818F

Control, Security, Audio, BMS, 8 Conductor, 18 AWG, BC, PP Ins, LSZH Jacket, Eca

Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 8 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	8
Size	18 AWG
Stranding	7x26
Material	Bare Copper

Insulation

Material	PP - Polypropylene
Nominal Thickness (mm)	0.20
Nominal Diameter (mm)	1.50±0.10x8c
Color Code	Black, Red, White, Green Brown, Blue, Orange, 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)	6.25±0.40
Rip Cord	Yes (Nylon-210D)

ELECTRICAL CHARACTERISTICS

Electrical

Max Con DC Resistance at 20°C (Ω/km)	<21.6
20°C Ins. Resistance (MΩKM)	>200
Nominal Capacitance Con to Con	125 pF/m
Voltage	300V

MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-20°C to +70°C
Bend Radius (mm)	62.50
Max Pull Tension	9.80 kg

STANDARDS & COMPLIANCE

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

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