



**Product Code: C2418F**

Control, Security, Audio, BMS, 4 Conductor, 18 AWG, BC, PP Ins, LSZH Jacket, Eca

**Product Description**

Multi-Conductor, Security, Audio, Control Cable, BMS, 4 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	4
Size	18 AWG
Stranding	7x26
Material	Bare Copper

**Insulation**

Material	PP - Polypropylene
Nominal Thickness (mm)	0.20
Nominal Diameter (mm)	1.60±0.10x4c
Color Code	Black, Red, White, Green

**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)	4.80±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 (MΩKM)	>200
Nominal Capacitance Con to Con	85 pF/m
Voltage	300V

**MECHANICAL CHARACTERISTICS**

Operating Temperature (°C)	-20°C to +70°C
Bend Radius (mm)	48.0
Max Pull Tension	17 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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