



## Product Code: C2216F

Control, Security, Audio, BMS, 2 Conductor, 16 AWG, BC, PP Ins, PVC, LSZH

### Product Description

Multi-Conductor, Security, Audio, Control Cable, BMS, 2 Conductor, 16 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	16 AWG
Stranding	19x29
Material	Bare Copper

#### Insulation

Material	PP - Polypropylene
Nominal Thickness (mm)	0.20
Nominal Diameter (mm)	1.85±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)	4.78±0.20
Rip Cord	Yes (Nylon-210D)

### ELECTRICAL CHARACTERISTICS

#### Electrical

Max Con DC Resistance at 20°C(Ω/km)	<15.4
20°C Ins. Resistance(MΩ/KM)	>200
Nominal Conductor DCR	4.0 Ohm/305 m
Voltage	300V

### MECHANICAL CHARACTERISTICS

Temperature Range (°C)	-20°C to +70°C
Bend Radius Min(mm)	47.0
Max Pull Tension	20 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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