



**Product Code: C2218U**

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, 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)  | 1.50±0.10          |
| Color Code             | Black, Red         |

#### Outer Jacket

|                        |                        |
|------------------------|------------------------|
| Material               | Low Smoke Zero Halogen |
| Nominal Thickness (mm) | 0.40                   |
| Nominal Diameter (mm)  | 0.40±0.10              |
| Rip Cord               | Yes (Nylon-210D)       |

#### MECHANICAL CHARACTERISTICS

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

### ELECTRICAL CHARACTERISTICS

#### Electrical

|                                     |               |
|-------------------------------------|---------------|
| Max Con DC Resistance at 20°C(Ω/km) | <21.3         |
| 20°C Ins. Resistance(MΩ/KM)         | >200          |
| Nominal Conductor DCR               | 6.3 Ohm/305 m |
| Voltage                             | 300V          |

### STANDARDS & COMPLIANCE

Environmental Suitability: Indoor-Riser, Indoor  
 Flamability/Reaction to Fire: UL 1666 Riserr, FT4: IEC 60332-1-2  
 CPR Compliance" CPR Euroclass: Eca  
 NEC/UL Compliance  
 RoHS2(2011/65/EU Compliant)  
 UL Number E535337

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