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please call

1-800-Belden1



General Description:

Security & Alarm Cable, Riser-CMR, 2-18 AWG stranded bare copper pairs with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 2 | 18 | 7x26 | BC - Bare Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|---------------------|---------------------|
| PP - Polypropylene | 0.178 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Outer Shield Material |
|-------------------------|------------------------------|
| Beldfoil® | Aluminum Foil-Polyester Tape |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 24 | Solid | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.432 |

Overall Cable

Overall Nominal Diameter: 6.350 mm

Pair

Pair Color Code Chart:

| Number | Color |
|--------|---------------|
| 1 | Black & Red |
| 2 | Black & White |

Mechanical Characteristics (Overall)

| | |
|-----------------------------------|----------------|
| Operating Temperature Range: | -20°C To +70°C |
| Bulk Cable Weight: | 49.111 Kg/Km |
| Max. Recommended Pulling Tension: | 460.834 N |
| Min. Bend Radius/Minor Axis: | 63.500 mm |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|------------|
| NEC/(UL) Specification: | CMR |
| CEC/C(UL) Specification: | CMG |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU CE Mark: | Yes |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |
| EU Directive 2002/96/EC (WEEE): | Yes |

METRIC MEASUREMENT VERSION

5341FE Multi-Conductor - Commercial Applications

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: UL1666 Vertical Shaft

CSA Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

95.149

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

171.432

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

21.4905

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

42.981

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

| Description | Current |
|----------------------|-------------------------------------|
| 10C Temperature Rise | 4 Amps per conductor @ 25°C ambient |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|-------|-------|----------------------|
| 5341FE 008U1000 | 1,000 FT | 35.000 LB | GRAY | | 2 PR #18 PP FS FRPVC |
| 5341FE 0081000 | 1,000 FT | 36.000 LB | GRAY | C | 2 PR #18 PP FS FRPVC |
| 5341FE 0081200 | 1,200 FT | 43.200 LB | GRAY | | 2 PR #18 PP FS FRPVC |
| 5341FE 0081500 | 1,500 FT | 54.000 LB | GRAY | | 2 PR #18 PP FS FRPVC |
| 5341FE 008500 | 500 FT | 21.000 LB | GRAY | C | 2 PR #18 PP FS FRPVC |

Notes:

C = CRATE REEL PUT-UP.

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