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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 (in.) |
|---------------------|----------------------|
| PP - Polypropylene  | 0.007                |

#### 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 (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.017                     |

#### Overall Cable

Overall Nominal Diameter: 0.250 in.

#### 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:                | 33 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 103.600 lbs.    |
| Min. Bend Radius/Minor Axis:      | 2.500 in.       |

### 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        |

## 5341FE Multi-Conductor - Commercial Applications

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

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

MII 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/ft)

29.000

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)

52.250

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.55

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

13.100

## 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 008500   | 500 FT   | 21.000 LB   | GRAY  | C     | 2 PR #18 PP FS FRPVC |

## Notes:

C = CRATE REEL PUT-UP.

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