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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

## 5341FE Multi-Conductor - Commercial Applications

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

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

CA Prop 65 (CJ for Wire & 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)

Surface Printing: NEW GENERATION(R) BY BELDEN 5341FE CMR 75C 2PR18 SHIELDED (UL) E108998 OR C(UL) CMG----FT4 (2 FT., 7 DIGIT SEQUENTIAL) FEET

### 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 008Z1000	1,000 FT	37.000 LB	GRAY		2 PR #18 PP FS FRPVC
5341FE 0081000	1,000 FT	37.000 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	19.000 LB	GRAY	C	2 PR #18 PP FS FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

## 5341FE Multi-Conductor - Commercial Applications

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