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please call

1-800-Belden1



### General Description:

Security & Alarm Cable, Riser-CMR, 2-20 AWG stranded bare copper pairs with polypropylene insulation, Beldfoil® shield and PVC jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	20	7x28	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
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: 0.218 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Bulk Cable Weight: 26.900 lbs/1000 ft.

Max. Recommended Pulling Tension: 59.500 lbs.

Min. Bend Radius/Minor Axis: 2.200 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

## 5441FE 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

Plenum Number: 6441FE

## Surface Printing (Overall)

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26.000

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

Capacitance (pF/ft)

46.800

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.3

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.5

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

3 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5441FE 008U1000	1,000 FT	26.000 LB	GRAY		2 PR #20 PP FS FRPVC
5441FE 0081000	1,000 FT	26.000 LB	GRAY	C	2 PR #20 PP FS FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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