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please call

1-800-Belden1



### General Description:

Security & Alarm Cable, Riser-CMR, 3-22 AWG solid bare copper pairs with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
3	22	Solid	BC - Bare Copper

Total Number of Conductors: 6

#### Insulation

##### Insulation Material:

Insulation Material
PP - Polypropylene

#### 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: 4.902 mm

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
Bulk Cable Weight:	37.205 Kg/Km
Max. Recommended Pulling Tension:	231.306 N
Min. Bend Radius/Minor Axis:	53.340 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

## 5562FE 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
Plenum Number:	6542FE

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)  
78.744

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

Capacitance (pF/m)  
144.364

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
51.8398

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)  
45.6059

### Max. Operating Voltage - UL:

Voltage  
300 V RMS

### Max. Recommended Current:

Current  
2 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5562FE 008U1000	1,000 FT	24.000 LB	GRAY		3 PR #22 PP FS PVC
5562FE 008I1000	1,000 FT	28.000 LB	GRAY		3 PR #22 PP FS PVC

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## **5562FE Multi-Conductor - Commercial Applications**

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