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1-800-Belden1



### General Description:

Security & Alarm Cable, Riser-CMR, 2-22 AWG stranded bare copper pairs with polyolefin insulation, PVC jacket with ripcord

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	22	7x30	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material
PO - Polyolefin

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.017

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.185 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: 15 lbs/1000 ft.

Max. Recommended Pulling Tension: 36.400 lbs.

Min. Bend Radius/Minor Axis: 1.850 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

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

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

## 5541UE Multi-Conductor - Commercial Applications

MII Order #39 (China RoHS):	Yes
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### Flame Test

CSA Flame Test:	FT4
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	6541UE
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
18.000

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.3

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

Current
2.2 Amps per conductor @ 20°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5541UE 008U1000	1,000 FT	17.000 LB	GRAY		2 PR #22 PP FRPVC
5541UE 0081000	1,000 FT	17.000 LB	GRAY	C	2 PR #22 PP FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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