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1-800-Belden1



### General Description:

Security & Alarm Cable, Riser-CMR, 4-22 AWG solid bare copper conductors with polyolefin insulation, PVC jacket with ripcord

### Usage (Overall)

Suitable Applications:

Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, and Single Line Telephone.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	22	Solid	BC - Bare Copper

Total Number of Conductors:

4

#### Insulation

Insulation Material:

Insulation Material
PP - Polypropylene

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord:

Yes

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Yellow
4	Green

Overall Nominal Diameter:

3.302 mm

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 21.281 Kg/Km

Max. Recommended Pulling Tension: 138.784 N

Min. Bend Radius/Minor Axis: 35.560 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC(UL) Specification: CMR

NEC Articles: 800

CEC/C(UL) Specification: CMG

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: No

## METRIC MEASUREMENT VERSION

## 5582UE Multi-Conductor - Commercial Applications

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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Flame Test

UL Flame Test: UL1666 Vertical Shaft

C(UL) Flame Test: FT4

## Plenum/Non-Plenum

Plenum (Y/N): No

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

51.5117

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

2.2 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5582UE U4FC500	500 FT	6.500 LB	BEIGE U4F		4 #22 PP FRPVC
5582UE U4FU500	500 FT	7.500 LB	BEIGE U4F		4 #22 PP FRPVC
5582UE U4F1000	1,000 FT	14.000 LB	BEIGE U4F	C	4 #22 PP FRPVC
5582UE 008U1000	1,000 FT	14.000 LB	GRAY		4 #22 PP FRPVC
5582UE 0081000	1,000 FT	14.000 LB	GRAY		4 #22 PP FRPVC
5582UE 009C500	500 FT	6.500 LB	WHITE		4 #22 PP FRPVC
5582UE 009U1000	1,000 FT	14.000 LB	WHITE		4 #22 PP FRPVC

## Notes:

C = CRATE REEL PUT-UP.

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