



For more Information
please call

1-800-Belden1



General Description:

Security & Alarm Cable, Riser-CMR, 10-22 AWG stranded bare copper conductors with polyolefin insulation, Beldfoil® shield and PVC jacket with ripcord

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 10 | 22 | 7x30 | BC - Bare Copper |

Total Number of Conductors: 10

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PP - Polypropylene | 0.008 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|--|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape w/Shorting Fold | 100 |

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 | 0.018 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (in.) |
|--------------|
| 4.0 |

Overall Cabling Color Code Chart:

| Color |
|--------|
| Black |
| Red |
| White |
| Green |
| Brown |
| Blue |
| Orange |
| Yellow |
| Purple |
| Gray |

Overall Nominal Diameter: 0.217 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 32 lbs/1000 ft.

Max. Recommended Pulling Tension: 96.500 lbs.

Min. Bend Radius/Minor Axis: 2.125 in.

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: | 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: | 6508FE |

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage

Max. Recommended Current:

Current

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|-------|-------|--------------------|
| 5508FE 008U1000 | 1,000 FT | 34.000 LB | GRAY | | 10 #22 PO FS FRPVC |
| 5508FE 008U500 | 500 FT | 18.000 LB | GRAY | | 10 #22 PO FS FRPVC |
| 5508FE 0081000 | 1,000 FT | 36.000 LB | GRAY | C | 10 #22 PO FS FRPVC |

Notes:

C = CRATE REEL PUT-UP.

5508FE Multi-Conductor - Commercial Applications

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