Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5506UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



General Description:

Security & Alarm Cable, Riser-CMR, 8-22 AWG stranded 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 22 7x30 BC - Bare Copper **Total Number of Conductors:** 8 Insulation Insulation Material: Insulation Material Wall Thickness (in.) PP - Polypropylene | 0.008 **Outer Shield** Outer Shield Material:

Outer Shield Material Unshielded

Outer Jacket

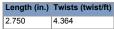
Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

| 1 Black 2 Red 3 White 4 Green 5 Brown 6 Blue 7 Orange 8 Yellow | Number | Color |
|--|--------|--------|
| 3 White 4 Green 5 Brown 6 Blue 7 Orange | 1 | Black |
| 4 Green 5 Brown 6 Blue 7 Orange | 2 | Red |
| 5 Brown 6 Blue 7 Orange | 3 | White |
| 6 Blue 7 Orange | 4 | Green |
| 7 Orange | 5 | Brown |
| . Jorango | 6 | Blue |
| 8 Yellow | 7 | Orange |
| | 8 | Yellow |

N

Overall Nominal Diameter: 0.183 in.

| Med | Mechanical Characteristics (Overall) | | | | | | | | |
|-----|--------------------------------------|-----------------|--|--|--|--|--|--|--|
| | Operating Temperature Range: | -20°C To +75°C | | | | | | | |
| | UL Temperature Rating: | 75°C | | | | | | | |
| | Bulk Cable Weight: | 25 lbs/1000 ft. | | | | | | | |
| | Max. Recommended Pulling Tension: | 72.800 lbs. | | | | | | | |
| | Min. Bend Radius/Minor Axis: | 1.750 in. | | | | | | | |

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| plicable 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 | | | | |
| me Test | | | | | |
| UL Flame Test: | UL1666 Vertical Shaft | | | | |
| C(UL) Flame Test: | FT4 | | | | |
| num/Non-Plenum | | | | | |
| Plenum (Y/N): | No | | | | |
| Plenum Number: | 6506UE | | | | |
| face Printing (Overall) | | | | | |
| Surface Printing: | NEW GENERATION(R) BY BELDEN-M 5506UE CMR 75C 8C22 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET | | | | |

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 17.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 16.2

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 |
|-----------------|----------|-------------|-------|-------|----------------|
| 5506UE 008U1000 | 1,000 FT | 29.000 LB | GRAY | | 8 #22 PP FRPVC |
| 5506UE 0081000 | 1,000 FT | 30.000 LB | GRAY | С | 8 #22 PP FRPVC |

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 03-11-2013

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