# **Detailed Specifications & Technical Data**

### **METRIC MEASUREMENT VERSION**



## 5508UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



#### **General Description:**

Security & Alarm Cable, Riser-CMR, 10-22 AWG stranded bare copper conductors with polypropylene

#### 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 BC - Bare Copper 22 7x30 **Total Number of Conductors:** 10 Insulation Insulation Material: Insulation Material Wall Thickness (mm) Polypropylene 0.203 **Outer Shield**

Outer Shield Material:

**Outer Shield Material** Unshielded

#### **Outer Jacket**

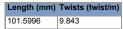
Outer Jacket Material:

**Outer Jacket Material** Nom. Wall Thickness (mm) PVC - Polyvinyl Chloride | 0.457

Outer Jacket Ripcord: Yes

#### **Overall Cable**

Overall Cabling Lay Length & Direction:



### **Overall Cabling Color Code Chart:**

Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple
Gray

I

Overall Nominal Diameter: 5.436 mm

Mechanical Characteristics (Overall)									
	Operating Temperature Range:	-20°C To +75°C							
	UL Temperature Rating:	75°C							
	Bulk Cable Weight:	50.748 Kg/Km							
	Max. Recommended Pulling Tension:	404.786 N							
	Min. Bend Radius/Minor Axis:	55.880 mm							

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plicable Standards & Environmental Programs				
NEC/(UL) Specification:	CMR			
NEC Articles:	800			
CEC/C(UL) Specification:	CMG Yes			
EU Directive 2011/65/EU (ROHS II):				
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			
ime Test				
UL Flame Test:	UL1666 Vertical Shaft			
C(UL) Flame Test:	FT4			
enum/Non-Plenum				
Plenum (Y/N):	No			
Plenum Number:	6508UE			
rface Printing (Overall)				
Surface Printing:	NEW GENERATION(R) BY BELDEN-M 5508UE CMR 75C 10C22 (UL) E108998 OR C(UL) CMG (2 FT., 7 DIGIT SEQUENTIAL) FEET			

# **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 74.479

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 53.1522

Max. Operating Voltage - UL:

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
5508UE 008U1000	1,000 FT	33.000 LB	GRAY		10 #22 PO FRPVC
5508UE 0081000	1,000 FT	34.000 LB	GRAY	С	10 #22 PO FRPVC

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-08-2013

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