# **Detailed Specifications & Technical Data**

## **METRIC MEASUREMENT VERSION**



# 5408UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



### **General Description:**

Security & Alarm Cable, Riser-CMR, 10-20 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 20 7x28 BC - Bare Copper **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**

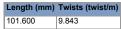
**Outer Jacket Material:** 

Outer Jacket Materia	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chlori	de 0.457

Outer Jacket Ripcord: Yes

### **Overall Cable**

Overall Cabling Lay Length & Direction:



**Overall Cabling Color Code Chart:** 

Color
Black
Red
White
Green
Brown
Blue
Orange
Yellow
Purple
Gray

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**Overall Nominal Diameter:** 6.198 mm

Mechanical Characteristics (Overall)								
	Operating Temperature Range:	-20°C To +75°C						
	UL Temperature Rating:	75°C						
	Bulk Cable Weight:	74.261 Kg/Km						
	Max. Recommended Pulling Tension:	560.473 N						
	Min. Bend Radius/Minor Axis:	63.500 mm						

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pplicable 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					
C(UL) Flame Test:	FT4					
Plenum/Non-Plenum						
Plenum (Y/N):	No					
Plenum Number:	6408UE					

### Surface Printing (Overall)

#### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 81.041

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 33 4662

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

2.6 Amps per conductor @ 25°C

# **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5408UE 0081000	1,000 FT	46.000 LB	GRAY	С	10 #20 PP FRPVC

Notes: C = CRATE REEL PUT-UP.

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product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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