Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5406UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



General Description:

Security & Alarm Cable, Riser-CMR, 8-20 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 Dia. (in.) 20 7x28 BC - Bare Copper 0.036 **Total Number of Conductors:** 8 Insulation Insulation Material: Insulation Material Wall Thickness (in.) PP - Polypropylene | 0.007 **Outer Shield** Outer Shield Material:

Outer Shield Material Unshielded

Outer Jacket

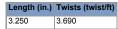
Outer Jacket Material:

Outer Jacket Material Nom. Wall Thickness (in.) PVC - Polyvinyl Chloride | 0.018

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

1	Black Red
	Red
2	
3	White
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow

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Overall Nominal Diameter: 0.202 in.

Mechanical Characteristics (Overall)							
	Operating Temperature Range:	-20°C To +75°C					
	UL Temperature Rating:	75°C					
	Bulk Cable Weight:	38 lbs/1000 ft.					
	Max. Recommended Pulling Tension:	100.800 lbs.					
	Min. Bend Radius/Minor Axis:	2.100 in.					

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	licable Specifications and Agency Compliance (Ov	verall)
App	licable Standards & Environmental Programs NEC/(UL) Specification:	CMR
		<u> </u>
	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

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

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
5406UE 008U1000	1,000 FT	39.000 LB	GRAY		8 #20 PP FRPVC
5406UE 0081000	1,000 FT	39.000 LB	GRAY	С	8 #20 PP FRPVC

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 03-11-2013

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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