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

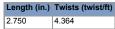
Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

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

-

Overall Nominal Diameter: 0.183 in.

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	

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 16.2

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended 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

Notes:

C = CRATE REEL PUT-UP.

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