# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



# 5506UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



# **Description:**

22 AWG Bare copper conductors, PP insulation, PVC jacket with ripcord. Sequential footage marking every two feet.

### **Usage (Overall)**

Suitable Applications:

Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, and Single Line Telephone.

### **Physical Characteristics (Overall)**

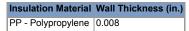
### Conductor

AWG:

# Conductors	AWG Stranding		Conductor Material		
8	22	7x30	BC - Bare Copper		

#### Insulation

**Insulation Material:** 



#### **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:

Length (in.)	Twists (ft.)		
2.750	4.364		

#### **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

Page 1 of 3 02-24-2012

# **Detailed Specifications & Technical Data**





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UL Temperature Rating:	75°C	
Bulk Cable Weight:	25 lbs/1000 ft.	
Max. Recommended Pulling Tension:	72.800 lbs.	
Min. Bend Radius (Install)/Minor Axis:	1.750 in.	

### **Applicable Specifications and Agency Compliance (Overall)**

### **Applicable Standards & Environmental Programs**

UL Flame Test:	UL1666 Vertical Shaft
ame Test	
MII Order #39 (China RoHS):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2002/96/EC (WEEE):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/95/EC (RoHS):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU CE Mark:	Yes
CEC/C(UL) Specification:	CMG
NEC Articles:	800
NEC/(UL) Specification:	CMR

#### Flai

UL Flame Test:	UL1666 Vertical Shaft		
C(UL) Flame Test:	FT4		

# Plenum/Non-Plenum

	Plenum Number:	6506UE
	Plenum (Y/N):	No
rienum/Non-Pienum		

# **Surface Printing (Overall)**

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

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 17.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

2 Amps per conductor @ 25°C

### **Related Documents:**

No related documents are available for this product

# **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:

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C = CRATE REEL PUT-UP.

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