# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



# 5401UE Multi-Conductor - Commercial Audio Systems



For more Information please call

1-800-Belden1



# **Description:**

20 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, Single Line Telephone

# **Physical Characteristics (Overall)**

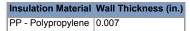
# Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	20	7x28	BC - Bare Copper

#### Insulation

**Insulation Material:** 



#### **Outer Shield**

**Outer Shield Material:** 

Outer Shield	Material
Unshielded	

# **Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)			
PVC - Polyvinyl Chloride	0.017			

**Outer Jacket Ripcord:** 

Yes

#### **Overall Cable**

**Overall Cabling Lay Length & Direction:** 

Length (in.)	Twists (ft.)
4	3

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

Number	Color
1	Black
2	Red
3	White

Overall Nominal Diameter: 0.142 in.

# Mechanical Characteristics (Overall) Operating Temperature Range: -20°C To +75°C UL Temperature Rating: 75°C Bulk Cable Weight: 16.400 lbs/1000 ft. Max. Recommended Pulling Tension: 37.800 lbs. Min. Bend Radius (Install)/Minor Axis: 1.500 in.

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

# **Applicable Standards & Environmental Programs**

Applicable Standards & Environmental Prog	rams
NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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

6401UE

# **Surface Printing (Overall)**

Plenum Number:

# **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 20.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 10.2

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 3.75 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	
5401UE 008U1000	1,000 FT	17.000 LB	GRAY		3 #20 PP FRPVC	
5401UE 0081000	1,000 FT	17.000 LB	GRAY	С	3 #20 PP FRPVC	

# Notes:

C = CRATE REEL PUT-UP.

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Revision Number: 2 Revision Date: 12-22-2008

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