# **Detailed Specifications & Technical Data**

**ENGLISH MEASUREMENT VERSION** 



## 6520UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information please call

1-800-Belden1



# **Description:**

22 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket with ripcord, sequential footage marking every two feet

## **Usage (Overall)**

Suitable Applications: Intercom/PA Systems, Sound/Audio Systems

# **Physical Characteristics (Overall)**

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	22	Solid	BC - Bare Copper

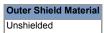
#### Insulation

**Insulation Material:** 

Insulation Trade Name	Insulation Material	Wall Thickness (in.)	
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009	

#### **Outer Shield**

**Outer Shield Material:** 



#### **Outer Jacket**

**Outer Jacket Material:** 

<b>Outer Jacket Trade Name</b>	Outer Jacket Material	Nom. Wall Thickness (in.)	
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015	

Yes

Outer Jacket Ripcord:

#### **Overall Cable**

**Overall Cabling Color Code Chart:** 

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 0.118 in.

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	8.500 lbs/1000 ft.
Max. Recommended Pulling Tension:	15.600 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.200 in.

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

**Applicable Standards & Environmental Programs** 

NEC/(UL) Specification: CMP

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NEC Articles:	800
CEC/C(UL) Specification:	CMP
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:	NFPA 262
C(UL) Flame Test:	FT6
Plenum/Non-Plenum	
Plenum (Y/N):	Yes
Non-Plenum Number:	5520UE

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

Nom. Inductance:

F

P

Inductance (µH/ft)
.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
25

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15.7

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current

2.8 Amps per conductor @ 25°C (10°C rise in temp)

# **Related Documents:**

No related documents are available for this product

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6520UE 8771000	1,000 FT	9.000 LB	NATURAL		2 #22 FLRST FLRST

Revision Number: 1 Revision Date: 04-14-2008

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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.

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