

## 5500UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information  
please call

1-800-Belden1



### General Description:

Security & Commercial Audio Cable, Riser-CMR, 2-22 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, Single Line Telephone

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	22	7x30	BC - Bare Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.203

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
85.725	11.680

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 3.124 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 11.906 Kg/Km

Max. Recommended Pulling Tension: 80.957 N

Min. Bend Radius/Minor Axis: 31.750 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

NEC Articles: 800

CEC/(UL) Specification: CMG

EU Directive 2011/65/EU (ROHS II): Yes

## METRIC MEASUREMENT VERSION

### 5500UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

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
Plenum Number:	6500UE

#### Surface Printing (Overall)

#### Electrical Characteristics (Overall)

##### Nom. Inductance:

Inductance (µH/m)  
0.55777

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)  
55.777

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
52.8241

##### Max. Operating Voltage - UL:

Voltage  
300 V RMS

##### Max. Recommended Current:

Current  
2.8 Amps per conductor @ 25°C

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5500UE 005U1000	1,000 FT	9.000 LB	GREEN, DARK		2 #22 PO FRPVC
5500UE 008U1000	1,000 FT	9.000 LB	GRAY		2 #22 PP FRPVC
5500UE 008U500	500 FT	5.000 LB	GRAY		2 #22 PP FRPVC
5500UE 0081000	1,000 FT	9.000 LB	GRAY		2 #22 PP FRPVC
5500UE 008500	500 FT	4.500 LB	GRAY		2 #22 PP FRPVC

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