

## 8442 Multi-Conductor - High-Conductivity Copper Speaker Cable Twisted Jacketed Con



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG stranded (7x30) tinned copper conductors, PVC insulation, twisted pair, chrome PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	22	7x30	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.406

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.635

#### Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Direction	Twists (twist/m)
38.100	Left Hand	26.248

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 4.318 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Bulk Cable Weight: 22.323 Kg/Km

Max. Recommended Pulling Tension: 80.068 N

Min. Bend Radius/Minor Axis: 44.450 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG

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

## METRIC MEASUREMENT VERSION

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CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4

#### Suitability

Suitability - Indoor:	Yes
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88442, 82442

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/m)
0.6562

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
98.43

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
51.1836

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

Description	Current
10C Temperature Rise	2.9 Amps per conductor @ 25°C ambient

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8442 060U1000	1,000 FT	16.000 LB	CHROME		2 #22 PVC PVC
8442 060U500	500 FT	8.500 LB	CHROME		2 #22 PVC PVC
8442 060I100	100 FT	2.200 LB	CHROME		2 #22 PVC PVC
8442 060I1000	1,000 FT	16.000 LB	CHROME	C	2 #22 PVC PVC
8442 060I10000	10,000 FT	160.000 LB	CHROME	C Y	2 #22 PVC PVC
8442 060500	500 FT	8.000 LB	CHROME		2 #22 PVC PVC
8442 0605000	5,000 FT	80.000 LB	CHROME	C Z	2 #22 PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.  
 Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.  
 Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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