

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



For more Information  
please call

1-800-Belden1

**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

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.381

**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 Cabling****Overall Cabling Lay Length & Direction:**

Length (mm)
38.09985

**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: 19.347 Kg/Km

Max. Recommended Pulling Tension: 80.068 N

Min. Bend Radius (Install)/Minor Axis: 41.910 mm

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMG

CEC/C(UL) Specification: CMG

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

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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 &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Flame Test

C(UL) Flame Test: FT4

## 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:

Current

2.9 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
8442 060U1000	305 MT	6.350 KG	CHROME		2 #22 PVC PVC
8442 060U500	152 MT	3.175 KG	CHROME		2 #22 PVC PVC
8442 060100	30 MT	0.862 KG	CHROME		2 #22 PVC PVC
8442 0601000	305 MT	5.897 KG	CHROME	C	2 #22 PVC PVC
8442 06010000	3,048 MT	58.967 KG	CHROME	C Y	2 #22 PVC PVC
8442 060500	152 MT	3.175 KG	CHROME		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'.

Revision Number: 1 Revision Date: 09-18-2008

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