Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



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

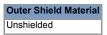
Insulation

Insulation Material:

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

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

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

Overall Cabling

Overall Cabling Lay Length & Direction:



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	

Page 1 of 3 05-10-2011

Detailed Specifications & Technical Data





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

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	
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	С	2 #22 PVC PVC
8442 06010000	3,048 MT	58.967 KG	CHROME	CY	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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Page 2 of 3 05-10-2011

Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



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

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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.

Page 3 of 3 05-10-2011