

8461 Multi-Conductor - High-Conductivity Copper Speaker Cable Twisted Jacket Con



For more Information
please call

1-800-Belden1



Description:

18 AWG stranded (7x26) tinned copper conductors, PVC insulation, twisted pair, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	7x26	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.022

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.028

Overall Cabling

Overall Nominal Diameter: 0.234 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	26.700 lbs/1000 ft.
Max. Recommended Pulling Tension:	45 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.500 in.

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
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

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EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

Flame Test

C(UL) Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

22.0

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.86

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

4.8 Amps per conductor @ 20°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8461 060U1000	1,000 FT	26.000 LB	CHROME		2 #18 PVC FRPVC
8461 060U500	500 FT	14.000 LB	CHROME		2 #18 PVC FRPVC
8461 060100	100 FT	3.200 LB	CHROME		2 #18 PVC FRPVC
8461 0601000	1,000 FT	27.000 LB	CHROME	C	2 #18 PVC FRPVC
8461 060500	500 FT	13.500 LB	CHROME	C	2 #18 PVC FRPVC
8461 0605000	5,000 FT	130.000 LB	CHROME		2 #18 PVC FRPVC

Notes:

C = CRATE REEL PUT-UP.

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