Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

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 (mm)
PVC - Polyvinyl Chloride	0.5588

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.7112

Overall Cabling

Overall Nominal Diameter:	5.944 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Bulk Cable Weight:	35.717 Kg/Km
Max. Recommended Pulling Tension:	200.169 N
Min. Bend Radius (Install)/Minor Axis:	63.500 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
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
MII 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/m)
72.182

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
19.2267

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
4.8 Amps per conductor @ 20°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8461 060U1000	305 MT	11.793 KG	CHROME		2 #18 PVC FRPVC
8461 060U500	152 MT	6.350 KG	CHROME		2 #18 PVC FRPVC
8461 060100	30 MT	1.452 KG	CHROME		2 #18 PVC FRPVC
8461 0601000	305 MT	12.247 KG	CHROME	C	2 #18 PVC FRPVC
8461 060500	152 MT	6.124 KG	CHROME	C	2 #18 PVC FRPVC
8461 0605000	1,524 MT	58.967 KG	CHROME		2 #18 PVC FRPVC

Notes:
C = CRATE REEL PUT-UP.

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