

## 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 Cable

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: 24 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
MII Order #39 (China RoHS):	Yes

### Flame Test

C(UL) Flame Test:	FT4
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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## 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

## Related Documents:

No related documents are available for this product

## 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	140.000 LB	CHROME		2 #18 PVC FRPVC

### Notes:

C = CRATE REEL PUT-UP.

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