

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



For more Information  
please call

1-800-Belden1



### General 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

Total Number of Conductors: 2

#### 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	0.027

#### Overall Cable

Overall Nominal Diameter: 0.234 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & White

Pair Lay Length & Direction:

Lay Length (in.)	Twists (twist/ft)	Direction
2.000	6.000	Left Hand

### 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/Minor Axis: 2.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL3, CMG

NEC Articles: 800, 725

CEC/C(UL) Specification: CMG

EU Directive 2011/65/EU (ROHS II): Yes

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

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

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

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CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

### Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4

### Suitability

Suitability - Indoor:	Yes
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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:

Description	Current
10C Temperature Rise	4.8 Amps per conductor @ 20°C ambient

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8461 060U1000	1,000 FT	28.000 LB	CHROME		2 #18 PVC FRPVC
8461 060U500	500 FT	15.000 LB	CHROME		2 #18 PVC FRPVC
8461 060100	100 FT	3.400 LB	CHROME		2 #18 PVC FRPVC
8461 0601000	1,000 FT	29.000 LB	CHROME	C	2 #18 PVC FRPVC
8461 060500	500 FT	14.500 LB	CHROME	C	2 #18 PVC FRPVC
8461 0605000	5,000 FT	145.000 LB	CHROME		2 #18 PVC FRPVC

### Notes:

C = CRATE REEL PUT-UP.

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