

## 8473 Multi-Conductor - High-Conductivity Copper Speaker Cable Twisted Jacketed Con



For more Information  
please call

1-800-Belden1



### General Description:

14 AWG stranded (42x30) tinned copper conductors, PVC insulation, twisted pair, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	14	42x30	TC - Tinned Copper

Total Number of Conductors: 2

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.813

Insulation Resistance: 1000 Megohms/1000 ft. @ 500 VDC

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.016

#### Overall Cable

Overall Nominal Diameter: 9.042 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & White

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +90°C

Bulk Cable Weight: 86.316 Kg/Km

Max. Recommended Pulling Tension: 418.131 N

Min. Bend Radius/Minor Axis: 88.900 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3
AWM Specification:	UL Style 2587 (600 V 90°C)
CSA Specification:	FAS90
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
CA Prop 65 (CJ for Wire & Cable):	Yes

## METRIC MEASUREMENT VERSION

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MII Order #39 (China RoHS): Yes

#### Flame Test

UL Flame Test: UL1685 UL Loading

CSA Flame Test: FT1

#### Plenum/Non-Plenum

Plenum (Y/N): No

#### Electrical Characteristics (Overall)

##### Nom. Inductance:

Inductance (µH/m)

0.62339

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

72.182

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

9.38366

##### Max. Operating Voltage - UL:

Voltage	Description
600 V RMS	UL AWM Style 2587
300 V RMS	CL3

##### Max. Recommended Current:

Current

9.6 Amps per conductor @ 25°C (10°C rise in temp)

#### Notes (Overall)

**Notes:** Nominal Breakdown Voltage - Jacket 20 KV RMS; Nominal Breakdown Voltage Between Conductors 25 KV RMS. See NEC guidelines for applicable CL3 voltage ratings.

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8473 060U500	500 FT	31.000 LB	CHROME		1 PR #14 PVC PVC
8473 0601000	1,000 FT	62.000 LB	CHROME	C	1 PR #14 PVC PVC
8473 060500	500 FT	32.500 LB	CHROME	C	1 PR #14 PVC PVC
8473 0605000	5,000 FT	320.000 LB	CHROME	C Z	1 PR #14 PVC PVC

##### Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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