

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	0.8128

Overall Cable

Overall Nominal Diameter: 8.636 mm

Pair

Pair Color Code Chart:

Number	Color
1	Black & White

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +90°C
Non-UL Temperature Rating:	90°C (UL AWM Style 2587)
Bulk Cable Weight:	80.363 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

METRIC MEASUREMENT VERSION

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

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

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	152 MT	13.154 KG	CHROME		1 PR #14 PVC PVC
8473 0601000	305 MT	26.308 KG	CHROME	C	1 PR #14 PVC PVC
8473 060500	152 MT	13.835 KG	CHROME	C	1 PR #14 PVC PVC
8473 0605000	1,524 MT	133.810 KG	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.

Revision Number: 3 Revision Date: 09-20-2012

© 2013 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications

METRIC MEASUREMENT VERSION

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

described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.