

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

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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
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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.

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