

8477 Multi-Conductor - High-Conductivity Copper Speaker Cable Twisted Jacket Con



For more Information
please call

1-800-Belden1

**Description:**

12 AWG stranded (65x30) tinned copper conductors, PVC insulation, twisted pair, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
1	12	65x30	TC - Tinned Copper

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.033

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.035

Overall Cable

Overall Nominal Diameter: 0.386 in.

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 lbs/1000 ft.
Max. Recommended Pulling Tension:	150 lbs.
Min. Bend Radius/Minor Axis:	4 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CL3R
AWM Specification:	UL Style 2587 (600 V 90°C)
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

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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: UL1666 Vertical Shaft

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)

0.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

35

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.8

Max. Operating Voltage - UL:

Voltage	Description
300 V RMS	CL3R
600 V RMS	UL AWM Style 2587

Max. Recommended Current:

Current

13 Amps per conductor @ 25°C

Notes (Overall)

Notes: See NEC Guidelines for applicable CL3 voltage ratings.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8477 060U500	500 FT	41.500 LB	CHROME		2 #12 PVC FRPVC
8477 0601000	1,000 FT	87.000 LB	CHROME	C	2 #12 PVC FRPVC
8477 060500	500 FT	43.500 LB	CHROME	C	2 #12 PVC FRPVC
8477 0605000	5,000 FT	410.000 LB	CHROME	C Z	2 #12 PVC FRPVC

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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