Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

9497 Multi-Conductor - High-Conductivity Copper Speaker Cable Open Twisted Const



For more Information please call

1-800-Belden1

General Description:

16 AWG stranded (19x29) ETP high-conductivity tinned copper conductors, PVC insulation, cabled.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	19x29	High Conductivity TC - Tinned Copper

Total Number of Conductors:	2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.023

Insulation Color Code Chart:

Number	Color
1	Black
2	Orange

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
Unjacketed

Overall Cable

Overall Nominal Diameter:	0.210 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 1007)
Bulk Cable Weight:	28 lbs/1000 ft.
Max. Recommended Pulling Tension:	84 lbs.
Min. Bend Radius/Minor Axis:	2.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

AWM Specification:	UL Style 1007 (300 V 80°C)
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

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UL Flame Test:	VW-1

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.19

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.27

Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 1007)

Max. Recommended Current:

Current
7.1 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9497 0001000	1,000 FT	30.000 LB	NONE	C	TW PR BLK & ORG

Notes:
C = CRATE REEL PUT-UP.

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