Product: 9497 ⧉

Speaker Cable, 2 Conductor 16 AWG TC, Unshielded, CM

Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Speaker Cable

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	High Conductivity Tinned Copper	2
Conductor Count:		2	

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.023 in

Color Chart

Number	Color
1	Black
2	Orange

Outer Shield Material

Material
No Shield

Outer Jacket Material

Nominal Diameter
0.21 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.27 Ohm/1000ft

Inductance

Nominal Inductance
0.19 µH/ft

Current

Max. Recommended Current [A]
7.1 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V RMS (UL AWM Style 1007)

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 1007)
Operating Temp Range:	-30°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	28 lbs/1000ft
Max Recommended Pulling Tension:	84 lbs
Min Bend Radius/Minor Axis:	2.25 in

Standards

UL AWM Style:	UL Style 1007 (300 V 80°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS (UL AWM Style 1007)

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9497 0001000	None	Reel	1,000 ft	612825254034

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.255 Revision Date: 04-28-2020

Mouser Electronics

Authorized Distributor

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