

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
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper (High Conductivity)	2

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.023 in

Color Chart

Number	Color
1	Black
2	Orange

Outer Shield

Material
No Shield

Outer Jacket

Nominal Diameter
0.21 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.27 Ohm/1000ft

Inductance

Nominal Inductance
0.19 μ H/ft

Current

Max. Recommended Current [A]
7.1 Amps per Conductor at 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. Pull Tension:	84 lbs
Min. Bend Radius/Minor Axis:	2.25 in

Standards

UL AWM Style Compliance:	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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
9497 0001000	None	Reel	1,000 ft	612825254034

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.340 Revision Date: 12-15-2021
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