

**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

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 $\mu$ 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 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
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## Flammability, LSOH, 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	Putup 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: 0.258 Revision Date: 06-24-2020
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