

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     | TC - Tinned Copper (High Conductivity) | 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  |
|-----------|
| 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 µH/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 |
|-----------------------|-----|

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 |
|---------------|----|

Part Number

Variants

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

|           |                        |
|-----------|------------------------|
| Footnote: | C - CRATE REEL PUT-UP. |
|-----------|------------------------|

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.339 Revision Date: 09-24-2021 |
|----------------------|--------------------------------------------------|

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