

## Product: <u>9497</u>

# 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**

Conductor   Element Number of Element Size Stranding Material   Conductor(s) 2 16 19.29 TC = Tinned Copper (High Conductivity)   Insulation  Element Material Outer Shield Material Non: Thickness Color Code Code Shield Material Non: Thickness Color Code Code Shield Material Non: Thickness Color Code Code Shield Material No Shield Source Shield Starting Source Shield Material Non: Diameter 0.21 in (S.3 mm) Electrical Characteristics Element Non: Conductor DCR Max. Current Conductor at 28%C Voltage Uvoltage Uvoltage Rating 300 v Mochanical Characteristics Element  Voltage Rating 300 v Mochanical Characteristics Element  Max. Current Conductor Shield Voltage Uvoltage Rating 300 v Max. Current Max. Current Conductor Shield Source of Shield (Si Kg) Bui Colle Veight 2 los/1000t Al los (Si Kg) Bui Colle Veight 2 los/1000t	Product Overview						
Conductor ( Conduc	Suitable Applications: Speaker Cable						
Element         Number of Element         Size         Stranding         Material           Conductor(s)         2         16         19x29         TC - Tinned Copper (High Conductivity)           Insulation         Material         Nom. Thickness         Color Code           Conductor(s)         PC - Polyvinyl Chloride         0.023 mm)         Black, Orange           Outer Shield         Nom. Thickness         Color Code           No Shield         Shield         Starter II           No Shield         Starter II         Nom. Conductor DCR           Material         Now. Current         Conductor Shield           Electrical Characteristics         Max. Current           Conductor(s)         4.27 Ohm/1000t         7.1 Amps per Conductor I25%           Voltage         Voltage Rating           300 V         Sov To 16480C           UL Voltage Rating         Sov To 5480C           Sov To 5480C         Sov To 5480C           Max. Pull Tension:         64 lbs (38 kg)           Buit Cable Weight:         28 bar/1000t	Construction Details						
Conductor(s)         2         16         19x29         TC - Timed Copper (High Conductivity)           Insulation         Material         Nom: Thickness         Color Code           Conductor(s)         PVC - Polyviny Chloride         0.023 in (0.58 mm)         Black, Orange           Outer Shield         Nom: Thickness         Color Code           Nom: Shield         State         State           Outer Jacket         Nom: Conductor DSR         Nom: Conductor Shield           Color Code         Nom: Conductor DSR         Nom: Conductor Shield           Electrical Charactoristics         Max. Current           Conductor(s)         4.27 Ohn/1000ft         T. 1 Amps per Conductor at 25°C           Votage         Operating         Solid (Shield)         Solid (Shield)           Solid Charactoristics         Solid (Shield)         Solid (Shield)         Solid (Shield)           Solid Conductor DCR         Max. Current         Solid (Shield)         Solid (Shield)           Solid Conductor Shield         Solid (Shield)         Solid (Shield)         Solid (Shield)           Solid Conductor DCR         Max. Current         Solid (Shield)         Solid (Shield)         Solid (Shield)           Solid Conductor DCR         Solid (Shield)         Solid (Shield)         Solid (Shield) <td>Conductor</td> <td></td>	Conductor						
Insulation  Element Material Nom. Thickness Color Code Conductor(s) PVC - Polyvinyl Chloride 0.023 in (0.58 mm) Black, Orange Outer Shield Nos Shield Nos Shield Nom. Diameter 0.21 in (5.3 mm)  Electrical Characteristics  Electricals  Element Nom. Conductor DCR Max. Current Conductor(s) 4.27 Ohm/1000R 7.1 Amps per Conductor at 25°C Voltage UL Voltage Rating 300 V  Machanical Characteristics  Element Voltage Volt	Element Number of Eleme	ent Size Stranding Material					
Element Material Nom. Thickness Color Code   Conductor(s) PVC - Polyvinyl Chioride 0.023 in (0.58 mm) Black. Orange   Cuter Sheld   Material Nom. Thickness Color Code   Material Nom. Thickness Color Code   Nom. Diamoter 0.21 in (5.3 mm)   Electrical Characteristics   Element Nom. Conductor DCR Max. Current   Conductor(s) 4.27 Ohm/1000t 7.1 Amps per Conductor at 25°C   Voltage   UL Voltage Rating   300 V   Mechanical Characteristics   Temperature   UL Temperature   Operating   80°C   -30°C To +80°C   Max. Pull Tension: 64 Ibs (38 kg) Buk Cable Weight: 28 Ibs/1000h Standards and Compliance	Conductor(s) 2	1619x29TC - Tinned Copper (High Conductivity)					
Conductor(s) PVC - Polyvinyl Chioride 0.023 in (0.58 mm) Black, Orange     Outer Shield     Nashield     Nom: Diameter   0.21 in (5.3 mm)   Electrical Characteristics Electricals   Element Nom: Conductor DCR Max. Current   Conductor(s) 4.27 Ohm/1000t 7.1 Amps per Conductor at 25%C   Voltage UL Voltage Rating 300 V  Characteristics  Elements UL Voltage Rating 300 V  Max. Pull Tension:      Add Roteristics:   Ampendation:   Add Roteristic:   Add Roteristic:   Standard:   Appendix A to a standard to a	Insulation						
Outer Shield   Matorial   Nos Shield   Outer Jaket   Nom. Diameter   0.21 in (S.3 mm)   Electrical Characteristics Electricals							
Material   No Shield   Outer Jacket   Nom. Diameter   0.21 in (5.3 mm)   Electrical Characteristics Electricals Element Nom. Conductor DCR Max. Current Conductor(s) 4.27 Ohn/1000t 7.1 Amps per Conductor at 25°C Conductor(s) 4.27 Ohn/1000t 7.1 Amps per Conductor at 25°C Voltage UL Voltage Rating 300 V    UL Voltage Rating 300 V   Buchanical Characteristics   Emperature UL Voltage Conductor DCR    UL Tomperature Operating 80°C    -30°C To +80°C   Max. Puil Tensor:   44 lbs (38 kg)   Buk Cable Veight:   28 lbs/1000f	Conductor(s) PVC - Polyvinyl C	hloride 0.023 in (0.58 mm) Black, Orange					
No Shiel Outer Jacket Nom. Diameter 0 21 in (5.3 mm) Electrical Characteristics Element Nom. Conductor DCR Max. Current Conductor (s) 4.27 Ohm/1000t 7.1 Amps per Conductor at 25°C Voltage U_Voltage Rating 300 V Mechanical Characteristics Mechanical Characteristics Max. Pull Tensio: 84 lbs (38 kg) Buk Cable Weight: 28 lbs (1000t)	Outer Shield						
Outer Jacket         Nom. Diameter         0.21 in (5.3 mm)         Electrical Characteristics         Electrical Characteristics         Voltage         UL Yoltage Rating 300 V         Sou V         Mechanical Characteristics         Voltage Rating 30° - 30° C To +80° C         Max. Pull Tension:       84 lbs (38 kg) 8uk Cable Weight:         8uk Cable Weight:       28 lbs/1000ft							
Nom. Diameter   0.21 in (5.3 mm)   Electrical Characteristics Electricals Electricals Electricals Electricals Use To mm. Conductor DCR Max. Current Conductor(s) 4.27 Ohm/1000t 7.1 Amps per Conductor at 25°C Voltage UL Voltage Rating 300 V Mechanical Characteristics Temperature UL Temperature Operating 80°C 30°C To +80°C Max. Pull Tension: 84 lbs (38 kg) Buik Cable Weight: 28 lbs/1000t Electricals Ele	No Shield						
0.21 in (5.3 mm)         Electrical Characteristics         Electricals <ul> <li>Mom. Conductor DCR Max. Current</li> <li>Conductor(s) 4.27 Ohm/1000f</li> <li>7.1 Amps per Conductor at 25°C</li> </ul> Votage         UL Votage Rating         300 V    Mechanical Characteristics  Femperature UL Tomperature Operating 80°C 30°C 30°C To +80°C Max. Pull Tension: 84 lbs (38 kg) Bulk Cable Weight: 28 lbs/1000t Standards and Compliance	Outer Jacket						
Electrical Characteristics Electrical Electrical Electrical Element Nom. Conductor DCR Max. Current Conductor(s) 4.27 Ohm/1000ft 7.1 Amps per Conductor at 25°C Votage UL Votage Rating 300 V Mechanical Characteristics Elementure UL Temperature Operating 80°C -30°C To +80°C Max. Pull Tension: 84 lbs (38 kg) Bulk Cable Weight: 28 lbs/1000ft Standards and Compliance							
Electricals          Element       Nom. Conductor DCR       Max. Current         Conductor(s)       4.27 Ohm/1000ft       7.1 Amps per Conductor at 25°C         Voltage       V////////////////////////////////////	0.21 in (5.3 mm)						
Element Nom. Conductor DCR Max. Current   Conductor(s) 4.27 Ohm/1000ft 7.1 Amps per Conductor at 25°C   Voltage UL Voltage Rating 300 V   Mechanical Characteristics	Electrical Characteristic	cs					
Conductor(s)       4.27 Ohm/1000ft       7.1 Amps per Conductor at 25°C         Voltage         UL Voltage Rating       300 V         Solov V         Mechanical Characteristics         Temperature         VL Temperature       Operating         80°C       -30°C To +80°C         Max. Pull Temsor       84 lbs (38 kg)         Bulk Cable V:       28 lbs/1000ft         Standards actompliance	Electricals						
Voltage Rating 300 V         Mechanical Characteristics         UL Temperature 80°C       Operating 80°C         90°C       -30°C To +80°C         Max. Pull Tension:       84 lbs (38 kg)         Bulk Cable Weight:       28 lbs/1000ft         Standards and Compliance	Element Nom. Conductor	r DCR Max. Current					
UL Voitage Rating         300 V         Mechanical Characteristics         Temperature         UL Temperature       Operating         80°C       -30°C To +80°C         Max. Pull Tension:       84 lbs (38 kg)         Bulk Cable Weight:       28 lbs/1000ft	Conductor(s) 4.27 Ohm/1000ft	7.1 Amps per Conductor at 25°C					
300 V         Mechanical Characteristics         Temperature         UL Temperature         0°C         -30°C To +80°C         Max. Pull Tension:       84 lbs (38 kg)         Bulk Cable Weight:       28 lbs/1000ft	Voltage						
Mechanical Characteristics         Temperature       Operating         80°C       -30°C To +80°C         Max. Pull Tension:       84 lbs (38 kg)         Bulk Cable Weight:       28 lbs/1000ft	UL Voltage Rating						
UL Temperature       Operating         80°C       -30°C To +80°C         Max. Pull Tension:       84 lbs (38 kg)         Bulk Cable Weight:       84 lbs/1000ft	300 V						
UL Temperature     Operating       80°C     -30°C To +80°C       Max. Pull Tension:     84 lbs (38 kg)       Bulk Cable Weight:     28 lbs/1000ft	Mechanical Characteristics						
80°C       -30°C To +80°C         Max. Pull Tension:       84 lbs (38 kg)         Bulk Cable Weight:       28 lbs/1000ft	Temperature						
Max. Pull Tension:       84 lbs (38 kg)         Bulk Cable Weight:       28 lbs/1000ft	UL Temperature Operating						
Bulk Cable Weight: 28 lbs/1000ft Standards and Compliance	80°C -30°C To +80	I°C					
Standards and Compliance							
	Bulk Cable Weight: 28 lbs/1000ft						
Environmental Suitability: Indoor (Not Riser or Plenum), Indoor	Standards and Compliance						
	Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor					

Flammability / Reaction to Fire:	VW-1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
AWM Compliance:	AWM 1007
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

#### **History**

Update an	d Revision:	Revision Number: 0.449 Revision Date: 01-20-2023
-----------	-------------	--

#### **Part Numbers**

#### Variants

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

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.