

Part Number: 8470

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, CM rated.

Technical Specifications

Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
Suitable Applications:	Speaker Cable

Physical Characteristics (Overall)

Conductor

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

Conductor Count:	2
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AWG Size:	16
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Insulation

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.105 in

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter
Unjacketed	0.21 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
4.8 Ohm/1000ft

Inductance

Nominal Inductance
0.19 μ H/ft

Current

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

Voltage

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

Temperature Range

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

Bulk Cable Weight:	24 lbs/1000ft
Max Recommended Pulling Tension:	94 lbs
Min Bend Radius/Minor Axis:	2.25 in

Standards

UL AWM Style:	UL Style 1007 (300 V 80°C)
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Applicable Environmental and Other Programs

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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
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Part Number

Plenum (Y/N):	No
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Variants

Item #	Color	Footnote
8470 0631000	BLACK & WHITE PAIR	C
8470 063500	BLACK & WHITE PAIR	
8470 063U1000	BLACK & WHITE PAIR	

Footnote:	C - CRATE REEL PUT-UP.
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