

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
Suitable Applications:	Speaker Cable

Physical Characteristics (Overall)

Conductor

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

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

Shielding:	No
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Construction and Dimensions

Conductor DCR

Nominal Conductor DCR
4.8 Ohm/1000ft

Current

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

Inductance

Nominal Inductance
0.19 µH/ft

Voltage

UL Voltage Rating

300V RMS (UL AWM Style 1007)

Applicable Standards & Environmental 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

Standards

UL AWM Style:	UL Style 1007 (300 V 80°C)
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Flame Test

UL Flammability:	VW-1
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Suitability

Suitability - Indoor:	Y
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Mechanical Characteristics

Operating Temp Range:	-30°C To +80°C
Bulk Cable Weight:	24(lbs/1000ft)
Max Recommended Pulling Tension:	94(lbs)
Min Bend Radius/Minor Axis:	2.25(in)

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 1007)
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Plenum/Non-Plenum

Plenum (Y/N):	No
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History

Variants

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

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