

**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
Conductor Size:	16 AWG

**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 $\mu$ H/ft

**Current**

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

**Voltage**

UL Voltage Rating
300 V 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
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	Footnote
8470 0631000	Black and White Pair	C
8470 063500	Black and White Pair	
8470 063U1000	Black and White Pair	

Footnote:	C - CRATE REEL PUT-UP.
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