Product: 9708 ↗

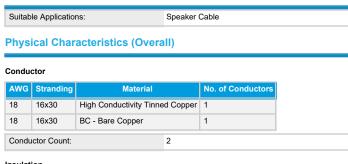# Speaker Cable, 2 Conductor 18 AWG, High Conductivity, Siamese

Product Description

Speaker Cable, 18 AWG stranded (16x30) ETP high-conductivity copper conductors, PVC insulation, parallel: (1) tinned, (1) bare.

Technical Specifications

Product Overview

Suitable Applications:	Speaker Cable

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	16x30	High Conductivity Tinned Copper	1
18	16x30	BC - Bare Copper	1

Conductor Count:	2

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.032 in

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.11 x 0.22 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.48 Ohm/1000ft

Inductance

Nominal Inductance
0.22 µH/ft

Current

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

Voltage

Non-UL Voltage Rating
300 V RMS

Temperature Range

Non-UL Temp Rating:	60°C
Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	19 lbs/1000ft
Max Recommended Pulling Tension:	50 lbs
Min Bend Radius/Minor Axis:	2 in

Standards

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 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):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes

Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9708 368500	Clear, Transparent	Reel	500 ft	612825257134
9708 368U500	Clear, Transparent	UnReel	500 ft	612825257172
9708 3681000	Clear, Transparent	Reel	1,000 ft	612825257165
9708 368U1000	Clear, Transparent	UnReel	1,000 ft	612825257141

Footnote:	C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.235 Revision Date: 04-28-2020

Mouser Electronics

Authorized Distributor

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