



REPRESENTATIVE IMAGE

Product: [8422](#)

Microphone Cable, 2 C #22 Str TC, 85% TC Braid, Cotton Braid, PVC Jkt

Product Description

Microphone Cable, 2 Conductor 22 AWG (16 x 34) Tinned Copper (High conductivity), PE Insulation, 85% Tinned Copper Braid Shield, Cotton Braid, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	Low frequency microphone or musical instruments; Balanced analog audio; Low Noise for high-EMI environments
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	22	16x34	TC - Tinned Copper (High Conductivity)

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PE - Polyethylene	0.021	Clear, Black

Outer Shield Material

Shield Type	Material	Coverage
Braid + Braid	Cotton + Tinned Copper (TC)	85% + 85%

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.029 in	0.231 in

Cable Diameter (Nominal):	0.231 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Max. Current
Conductor(s)	15.9 Ohm/1000ft	18 pF/ft	32 pF/ft	90 Ohm	2.9 Amps per conductor @ 25°C

Nom Outer Shield DCR:	3.5 Ohm/1000ft
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Voltage

Non-UL Voltage Rating
1000 V

Mechanical Characteristics

Temperature

Operating
-40°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
2.3 in	2.8 in

Max. Pull Tension:	93 lbs
Bulk Cable Weight:	30 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	DOS#: 16120-880912-2018
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History

Update and Revision:	Revision Number: 0.342 Revision Date: 09-30-2020
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