



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	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.021 in (0.53 mm)	0.072 in (1.8 mm)	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 (0.74 mm)	0.231 in

Cable Diameter (Nominal):	0.231 in (5.87 mm)
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**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Max. Current
Conductor(s)	15.9 Ohm/1000ft (52.2 Ohm/km)	18 pF/ft (59 pF/m)	32 pF/ft (100 pF/m)	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.
2.8 in (71 mm)	2.8 in (71 mm)

Max. Pull Tension:	93 lbs (42 kg)
Bulk Cable Weight:	30 lbs/1000ft (45 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), 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: 0.348 Revision Date: 06-08-2021
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