



Product: [8422](#)

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



REPRESENTATIVE IMAGE

### 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	No. of Elements	Size	Stranding	Material
Conductor(s)	2	22 AWG	16x34	TC - Tinned Copper (High Conductivity)

##### Insulation

Element	Material	Nom. 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

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

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.029 in (0.74 mm)	0.231 in (5.87 mm)

Overall 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 Impedence	Max. Current
Conductor(s)	15.9 Ohm/1000ft	18 pF/ft (59 pF/m)	32 pF/ft (100 pF/m)	90 Ohm	2.9 Amps per conductor @ 25°C

##### Voltage

Voltage Rating
1000 V

#### Mechanical Characteristics

##### Temperature

Operating
-40°C to +80°C

##### Bend Radius

Stationary Min.	Installation Min.

2.3 in (58 mm) | 2.3 in (58 mm)

Max. Pull Tension: 93 lbs (42 kg)

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 (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

## History

Update and Revision: Revision Number: 0.500 Revision Date: 01-20-2023

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8422 060500	Chrome	Reel	500 ft	612825206521	C
8422 0601000	Chrome	Reel	1,000 ft	612825206545	C
8422 060U1000	Chrome	UnReel	1,000 ft	612825206552	

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