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

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)

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: 0.502 Revision Date: 02-15-2024

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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