



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 |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | 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: 0.500 Revision Date: 01-20-2023

Part Numbers

Variants

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

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