



Product: [9452](#)

Microphone Cable, 2C #24 Str TC, Noise reducing tape, O/A Foil, PVC Jacket

Product Description

Microphone Cable, 2 Conductor 24 AWG (19 x 36) Tined Copper (High conductivity), PE Insulation, Noise reducing tape, Overall Beldfoil® Shield, 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 | 24 AWG | 19x36 | TC - Tinned Copper (High Conductivity) |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code | Notes |
|--------------|-------------------|--------------------|--------------------------|------------|-------|
| Conductor(s) | PE - Polyethylene | 0.008 in (0.20 mm) | 0.04 in (1.0 mm) | Black, Red | HDPE |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|-------------------|
| Tape | Textile (Conductive) | 100% | 24 AWG (19x36) TC |
| Tape | Bi-Laminate (Alum+Poly) | 100% | |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|--------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.020 in (0.51 mm) | 0.135 in (3.43 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.135 in (3.43 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) | 28.8 Ohm/1000ft | 30 pF/ft (98 pF/m) | 58 pF/ft (190 pF/m) | 56 Ohm | 2.8 Amps per conductor @ 25°C |

Voltage

| UL Voltage Rating | Voltage Rating |
|-------------------|----------------|
| 200 V | 200 V |

Mechanical Characteristics

Temperature

| Operating |
|----------------|
| -40°C to +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-----------------|-------------------|
|-----------------|-------------------|

| | |
|--------------------|----------------|
| 1.6 in (41 mm) | 1.6 in (41 mm) |
| Max. Pull Tension: | 29 lbs (13 kg) |
| Bulk Cable Weight: | 11 lbs/1000ft |

Standards and Compliance

| | |
|--------------------------------|---|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
| CPR Compliance: | CPR Euroclass: Eca |
| 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) |
| UK Regulation Compliance: | UKCA Mark |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.474 Revision Date: 02-15-2024 |
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Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|---------------|-------|------------|----------|--------------|
| 9452 010500 | Black | Reel | 500 ft | 612825253174 |
| 9452 010U500 | Black | UnReel | 500 ft | 612825254027 |
| 9452 0101000 | Black | Reel | 1,000 ft | 612825253204 |
| 9452 010U1000 | Black | UnReel | 1,000 ft | 612825253181 |

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