

**Product:** [9452](#) 

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



REPRESENTATIVE IMAGE

## Product Description

Microphone Cable, 2 Conductor 24 AWG (19 x 36) Tinned 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
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	2	24	19x36	TC - Tinned Copper (High Conductivity)

#### Insulation

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

#### Outer Shield Material

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

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in	0.135 in

Cable Diameter (Nominal):	0.135 in
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedance	Max. Current
Conductor(s)	25 Ohm/1000ft	30 pF/ft	58 pF/ft	56 Ohm	2.2 Amps per conductor @ 25°C

Nom Outer Shield DCR:	16.5 Ohm/1000ft
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#### Voltage

Non-UL Voltage Rating
200 V

### Mechanical Characteristics

#### Temperature

Operating
-40°C to +75°C

#### Bend Radius

Stationary Min.	Installation Min.

1.5 in	1.6 in
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Max. Pull Tension:	18 lbs
Bulk Cable Weight:	11 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.351 Revision Date: 02-16-2021
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