



REPRESENTATIVE IMAGE

**Product:** [8403](#)

Microphone Cable, 3 C #20 Str TC, Rayon & 90% TC Braid, PVC Jkt

## Product Description

Microphone Cable, 3 Conductor 20 AWG (19 x 32) Tinned Copper (High conductivity), PE Insulation, Rayon Braid, 90% Tinned Copper Braid Shield, PVC Jacket

## Technical Specifications

### Product Overview

Suitable Applications:	Low frequency microphone or musical instruments; Balanced analog audio
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### Construction Details

#### Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	3	20 AWG	19x32	TC - Tinned Copper (High Conductivity)

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.016 in (0.41 mm)	0.069 in (1.8 mm)	Clear, Black, Red

#### Outer Shield

Shield Type	Material	Coverage
Braid	Rayon®	90%
Braid	Tinned Copper (TC)	90%

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.244 in (6.20 mm)

Overall Cable Diameter (Nominal):	0.244 in (6.20 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	10.2 Ohm/1000ft	25 pF/ft (82 pF/m)	45 pF/ft (150 pF/m)	3.1 Amps per conductor @ 25°C

#### Voltage

Voltage Rating
600 V

### Mechanical Characteristics

#### Temperature

Operating
-20°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.

2.4 in (61 mm)	2.4 in (61 mm)
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Max. Pull Tension:	111 lbs (50.3 kg)
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Bulk Cable Weight:	41 lbs/1000ft
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## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
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Flammability / Reaction to Fire:	VW-1
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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)
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APAC Compliance:	China RoHS II (GB/T 26572-2011)
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## History

Update and Revision:	Revision Number: 0.464 Revision Date: 01-20-2023
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8403 060500	Chrome	Reel	500 ft	612825206170	C
8403 0601000	Chrome	Reel	1,000 ft	612825206156	C

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