



REPRESENTATIVE IMAGE

**Product:** [1172A](#)

Microphone Cable, Star Quad, 4 C #26 Str BC, 95% TC French Braid, PVC Jkt, Flexible

## Product Description

Microphone Cable, Star Quad, 4 Conductor 26 AWG (30 x 40) High Conductivity Bare Copper, PE Insulation, 95% Tinned Copper French Braid Shield, PVC Jacket, Flexible

## Technical Specifications

### Product Overview

Suitable Applications:	Microphone, Low Noise for high-EMI environments; Line level balanced analog audio
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### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	26 AWG	30x40	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.013 in (0.33 mm)	0.045 in (1.1 mm)	Blue, White, Blue/White Stripe, White/Blue Stripe

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type	Notes
French Braid	Tinned Copper (TC)	95%	28 AWG (19x40) BC	Paper tape under braid with drain over tape

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.031 in (0.79 mm)	0.190 in (4.83 mm)

Overall Cable Diameter (Nominal):	0.190 in (4.83 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Velocity of Prop.	Max. Current
Conductor(s)	36 Ohm/1000ft (120 Ohm/km)	39.2 pF/ft (129 pF/m)	66%	1.9 Amps per conductor @ 25°C

#### Voltage

Voltage Rating
100 V

### Mechanical Characteristics

#### Temperature

Operating
-20°C to +60°C

#### Bend Radius

Stationary Min.	Installation Min.

1.9 in (48 mm)	1.9 in (48 mm)
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Max. Pull Tension:	37 lbs
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Bulk Cable Weight:	25 lbs/1000ft (37 kg/km)
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## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
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European Directive Compliance:	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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## Product Notes

Notes:	Quad connection scheme: The two blue wires (or wires directly opposite one another) are connected together to form one conductor, and similarly the two white wires (or remaining wires) are connected together to form the second conductor.
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## History

Update and Revision:	Revision Number: 0.374 Revision Date: 12-15-2021
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## Variants

Item #	Color	Putup Type	Length	UPC
1172A B59500	Black, Matte	Reel	500 ft	612825107774
1172A B591000	Black, Matte	Reel	1,000 ft	612825107767
1172A B59N1000	Black, Matte	Reel w/Small Barrel	1,000 ft	612825367055
1172A G7X1000	Blue, Matte	Reel	1,000 ft	612825107804
1172A U901000	Gray, Matte	Reel	1,000 ft	612825107835
1172A G7W1000	Green, Matte	Reel	1,000 ft	612825107798
1172A G8C1000	Purple, Matte	Reel	1,000 ft	
1172A G7V1000	Red, Matte	Reel	1,000 ft	612825107781
1172A G7Y1000	White, Matte	Reel	1,000 ft	612825107811
1172A G8M1000	Yellow, Matte	Reel	1,000 ft	612825107828

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