



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	AWG	Stranding	Material
Conductor(s)	4	26	30x40	BC - Bare Copper

Insulation

Element	Material	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 Material

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

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

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

Nom. Outer Shield DCR:	6.8 Ohm/1000ft
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Voltage

Non-UL 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 (17 kg)
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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: 0.367 Revision Date: 06-08-2021
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