



Product: [1172A](#)

Microphone Cable, 4 Conductor 26 AWG, BC

Product Description

Starquad Microphone Cable, 4-26 AWG high-conductivity bare copper conductors, polyethylene insulation, tinned copper "French Braid" shield, bare copper drain, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
26	30x40	BC - Bare Copper	0.021 in	4

Conductor Count: 4

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PE - Polyethylene	0.045 in	0.013 in

Color Chart

Number	Color
1	Blue
2	White
3	Blue w/White Stripe
4	White w/Blue Stripe

Outer Shield Material

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
French Braid	TC - Tinned Copper	95 %	BC - Bare Copper	28	Stranded

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.190 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
36 Ohm/1000ft	6.8 Ohm/1000ft

Capacitance

Nom. Capacitance Between Conductors in Quad	Nom. Capacitance Conductor to Conductor
57.4 pF/ft	39.2 pF/ft

Inductance

Nominal Inductance
0.21 μ H/ft

Delay

Nominal Velocity of Propagation (VP) [%]

66 %

Current**Max. Recommended Current [A]**

1.9 Amps per conductor @ 25°C

Voltage**UL Voltage Rating**

100 V RMS

Electrical Characteristics Notes: 2/c 23 AWG equivalent DCR when connected to a 3-pin XLR

Temperature Range

Non-UL Temp Rating: 60°C

Operating Temp Range: -20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight: 25 lbs/1000ft

Max Recommended Pulling Tension: 37 lbs

Min Bend Radius/Minor Axis: 2 in

Applicable Environmental and Other Programs

Environmental Space: Indoor (Not Riser or Plenum)

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: No

EU RoHS Compliance Date (yyyy-mm-dd): 2004-01-01

MII Order #39 (China RoHS): Yes

Suitability

Suitability - Aerial: No

Suitability - Burial: No

Suitability - Hazardous Locations: No

Suitability - Indoor: Yes

Suitability - Outdoor: Yes - Black only

Suitability - Sunlight Resistance: No

Flammability, LSOH, Toxicity Testing

UL voltage rating: 100 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number**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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Footnote:	C - CRATE REEL PUT-UP.
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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: 0.301 Revision Date: 04-28-2020
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