

Part Number: 1192A

Microphone Cable, 4 Conductor 24 AWG, BC

Product Description

Starquad Microphone Cable, 4-24 AWG high-conducitivity bare copper conductors, polyethylene insulation, tinned copper "French Braid" shield, bare copper drain, PVC jacket.

Technical Specifications

Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	42x40	SBC - Soft Bare Copper	0.024 in	4

Conductor Count:	4
Conductor Size:	24 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PE - Polyethylene	0.056 in	0.016 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 [%]
Braid	TC - Tinned Copper	95 %

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.245 in	0.044 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
26.6 Ohm/1000ft	7.1 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 µH/ft

Impedance

Nominal Characteristic Impedance
40 Ohm

Delay

Nominal Velocity of Propagation (VP) [%]
66 %

Current

Max. Recommended Current [A]
2.9 Amps per conductor @ 25°C

Voltage

Description	UL Voltage Rating	Voltage Rating [V]
Nom. breakdown voltage between conductors	100 V RMS	18,000 V
Nom. breakdown voltage conductors to shield		16.9 kV

Electrical Characteristics Notes:	2/c 21 AWG equivalent DCR when connected to a 3-pin XLR

Temperature Range

Non-UL Temp Rating:	75°C
Operating Temp Range:	-30°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	33 lbs/1000ft
Max Recommended Pulling Tension:	21 lbs
Min Bend Radius/Minor Axis:	2.5 in

Applicable Environmental and Other Programs

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:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Sunlight Resistance:	No

Flammability, LS0H, Toxicity Testing

UL voltage rating:	100 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Footnote

1192A B59100	Black, Matte	
1192A B591000	Black, Matte	C
1192A B59500	Black, Matte	C
1192A B59N1000	Black, Matte	C
1192A G7X1000	Blue, Matte	C
1192A G7X500	Blue, Matte	
1192A U901000	Gray, Matte	C
1192A G7W1000	Green, Matte	C
1192A G7WN1000	Green, Matte	C
1192A G8C1000	Purple, Matte	
1192A G8C1000	Purple, Matte	
1192A G8CN1000	Purple, Matte	
1192A G7V1000	Red, Matte	C
1192A G8M1000	Yellow, Matte	

Footnote:	C - CRATE REEL PUT-UP.

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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