



Product: [1192A](#)

Microphone Cable, 4 Conductor 24 AWG, BC

Product Description

Starquad Microphone Cable, 4-24 AWG high-conductivity 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				

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, LSOH, Toxicity Testing

UL voltage rating:	100 V RMS
--------------------	-----------

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Part Number

Variants

Item #	Color	UPC	Length	Footnote
1192A B59100	Black, Matte	612825108191	100 ft	

1192A B591000	Black, Matte	612825108207	1,000 ft	C
1192A B59500	Black, Matte	612825108214	500 ft	C
1192A B59N1000	Black, Matte	612825108184	1,000 ft	C
1192A G7X1000	Blue, Matte	612825108252	1,000 ft	C
1192A G7X500	Blue, Matte	612825108269	500 ft	
1192A U901000	Gray, Matte	612825108283	1,000 ft	C
1192A G7W1000	Green, Matte	612825108245	1,000 ft	C
1192A G7WN1000	Green, Matte	612825108238	1,000 ft	C
1192A G8C1000	Purple, Matte	612825350118	1,000 ft	
1192A G8CN1000	Purple, Matte	612825350101	1,000 ft	
1192A G7V1000	Red, Matte	612825108221	1,000 ft	C
1192A G8M1000	Yellow, Matte	612825108276	1,000 ft	

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.
--------	---

History

Update and Revision:	Revision Number: 0.293 Revision Date: 08-22-2019
----------------------	--

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.