



**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

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	42x40	BC - 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 $\mu$ H/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**

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:	Yes
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:	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	Putup Type	Length	UPC
1192A B59100	Black, Matte	Reel	100 ft	612825108191
1192A B59500	Black, Matte	Reel	500 ft	612825108214
1192A B591000	Black, Matte	Reel	1,000 ft	612825108207
1192A B59N1000	Black, Matte	Reel w/Small Barrel	1,000 ft	612825108184

1192A G7X500	Blue, Matte	Reel	500 ft	612825108269
1192A G7X1000	Blue, Matte	Reel	1,000 ft	612825108252
1192A U901000	Gray, Matte	Reel	1,000 ft	612825108283
1192A G7W1000	Green, Matte	Reel	1,000 ft	612825108245
1192A G7WN1000	Green, Matte	Reel w/Small Barrel	1,000 ft	612825108238
1192A G8C1000	Purple, Matte	Reel	1,000 ft	612825350118
1192A G8CN1000	Purple, Matte	Reel w/Small Barrel	1,000 ft	612825350101
1192A G7V1000	Red, Matte	Reel	1,000 ft	612825108221
1192A G8M1000	Yellow, Matte	Reel	1,000 ft	612825108276

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: 0.298 Revision Date: 04-28-2020
----------------------	--

© 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Belden Wire & Cable:

[1192A B59100](#) [1192A G7V1000](#) [1192A B59500](#) [1192A G7W1000](#) [1192A G7X1000](#) [1192A U901000](#) [1192A G8M1000](#) [1192A B591000](#) [1192A G7X500](#)