

## 1192A Multi-Conductor - Four-Conductor Star Quad, Low-Impedance Cable



For more Information  
please call

1-800-Belden1



### General Description:

24 AWG stranded (42x40) high-conductivity bare copper conductors, polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
4	24	42x40	SBC - Soft Bare Copper	.024

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PE - Polyethylene	.016	.056

#### Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	95

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 0.245 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +75°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 33 lbs/1000 ft.

Max. Recommended Pulling Tension: 21 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

EU CE Mark: Yes

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

EU Directive 2002/95/EC (RoHS): Yes

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

EU Directive 2002/96/EC (WEEE): Yes

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

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

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**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

**Nom. Characteristic Impedance:**

**Impedance (Ohm)**  
40

**Nom. Inductance:**

**Inductance (µH/ft)**  
.21

**Nom. Capacitance Conductor to Conductor:**

**Capacitance (pF/ft)**  
39.2

**Nom. Cap. Between Cond. in a Quad Config.:**

**Capacitance (pF/ft)**  
57.4

**Nominal Velocity of Propagation:**

**VP (%)**  
66

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**  
26.6

**Nominal Outer Shield DC Resistance:**

**DCR @ 20°C (Ohm/1000 ft)**  
7.1

**Max. Operating Voltage - UL:**

**Voltage**  
100 V RMS

**Max. Operating Voltage - Other:**

Voltage	Description
18.0 kV	Nom. breakdown voltage between conductors
16.9 kV	Nom. breakdown voltage conductors to shield

**Max. Recommended Current:**

**Current**  
2.9 Amps per conductor @ 25°C

**Other Electrical Characteristic 1:** 2/c 21 AWG equivalent DCR when connected to a 3-pin XLR

**Notes (Overall)**

**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.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1192A B59N1000	1,000 FT	36.000 LB	BLACK, MATTE	C	4 #24 PE SH PVC BLK MTT
1192A B59100	100 FT	4.100 LB	BLACK, MATTE		4 #24 PE SH PVC BLK MTT
1192A B591000	1,000 FT	36.000 LB	BLACK, MATTE	C	4 #24 PE SH PVC BLK MTT
1192A B59500	500 FT	18.000 LB	BLACK, MATTE	C	4 #24 PE SH PVC BLK MTT
1192A G7V1000	1,000 FT	36.000 LB	RED, MATTE	C	4 #24 PE SH PVC RED MTT
1192A G7WN1000	1,000 FT	36.000 LB	GREEN, MATTE	C	4 #24 PE SH PVC GRN MTT
1192A G7W1000	1,000 FT	36.000 LB	GREEN, MATTE	C	4 #24 PE SH PVC GRN MTT
1192A G7X1000	1,000 FT	36.000 LB	BLUE, MATTE	C	4 #24 PE SH PVC BLU MTT
1192A G7X500	500 FT	18.000 LB	BLUE, MATTE		4 #24 PE SH PVC BLU MTT
1192A G8M1000	1,000 FT	36.000 LB	YELLOW, MATTE		4 #24 PE SH PVC YEL MTT
1192A U901000	1,000 FT	36.000 LB	GRAY, MATTE	C	4 #24 PE SH PVC GRY MTT

**Notes:**  
C = CRATE REEL PUT-UP.

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