

## 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. (mm)
4	24	42x40	SBC - Soft Bare Copper	0.6096

Total Number of Conductors: 4

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PE - Polyethylene	0.4064	1.4224

#### 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: 6.223 mm

### Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 49.111 Kg/Km

Max. Recommended Pulling Tension: 93.412 N

Min. Bend Radius/Minor Axis: 63.500 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

EU CE Mark: Yes

METRIC MEASUREMENT VERSION

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

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

### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)
40

#### Nom. Inductance:

Inductance (µH/m)
0.68901

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
128.615

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

Capacitance (pF/m)
188.329

#### Nominal Velocity of Propagation:

VP (%)
66

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
87.2746

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
23.2951

#### 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 B59100	30 MT	1.860 KG	BLACK, MATTE		4 #24 PE SH PVC BLK MTT

## METRIC MEASUREMENT VERSION

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

1192A B591000	305 MT	16.783 KG	BLACK, MATTE	C	4 #24 PE SH PVC BLK MTT
1192A B59500	152 MT	8.391 KG	BLACK, MATTE	C	4 #24 PE SH PVC BLK MTT
1192A G7V1000	305 MT	16.783 KG	RED, MATTE	C	4 #24 PE SH PVC RED MTT
1192A G7W1000	305 MT	16.783 KG	GREEN, MATTE	C	4 #24 PE SH PVC GRN MTT
1192A G7X1000	305 MT	16.783 KG	BLUE, MATTE	C	4 #24 PE SH PVC BLU MTT
1192A G7X500	152 MT	8.391 KG	BLUE, MATTE		4 #24 PE SH PVC BLU MTT
1192A G8M1000	305 MT	16.783 KG	YELLOW, MATTE		4 #24 PE SH PVC YEL MTT
1192A U901000	305 MT	16.783 KG	GRAY, MATTE	C	4 #24 PE SH PVC GRY MTT

**Notes:**

C = CRATE REEL PUT-UP.

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