

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

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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 B59N1000	1,000 FT	36.000 LB	BLACK, MATTE	C	4 #24 PE SH PVC BLK MTT

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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 G8CN1000	1,000 FT	36.000 LB	PURPLE, MATTE		4 #24 PE SH PVC PUR MTT
1192A G8C1000	1,000 FT	36.000 LB	PURPLE, MATTE		4 #24 PE SH PVC PUR 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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