

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



For more Information
please call

1-800-Belden1



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

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	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.143

Overall Cabling

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 (Install)/Minor Axis:	62.230 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes

METRIC MEASUREMENT VERSION

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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

MII Order #39 (China RoHS): Yes

Plenum/Non-Plenum

Plenum (Y/N): No

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.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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1192A B59100	30 MT	1.860 KG	BLACK, MATTE		4 #24 PE SH PVC BLK MTT
1192A B591000	305 MT	16.783 KG	BLACK, MATTE	C	4 #24 PE SH PVC BLK MTT
1192A B59500	152 MT	7.484 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	7.484 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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