

1172A Multi-Conductor - Four-Conductor Star Quad, Low-Impedance Cable



For more Information
please call

1-800-Belden1

**General Description:**

26 AWG stranded (30x40) high-conductivity BC conductors, polyethylene insulation, tinned copper "French Braid" shield (95% coverage), BC drain wire, PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
4	26	30x40	SBC - Soft Bare Copper	.021

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	.045

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
28	Stranded	BC - Bare Copper

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: 0.190 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 25 lbs/1000 ft.

Max. Recommended Pulling Tension: 37 lbs.

Min. Bend Radius/Minor Axis: 2 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

EU CE Mark: No

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

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/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)

36

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.8

Max. Operating Voltage - UL:

Voltage

100 V RMS

Max. Recommended Current:

Current

1.9 Amps per conductor @ 25°C

Other Electrical Characteristic 1: 2/c 23 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:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
1172A B591000	1,000 FT	26.000 LB	BLACK, MATTE	C	4 #26 PE FBRD PVC
1172A B59500	500 FT	13.500 LB	BLACK, MATTE		4 #26 PE FBRD PVC
1172A G7V1000	1,000 FT	26.000 LB	RED, MATTE		4 #26 PE FBRD PVC
1172A G7W1000	1,000 FT	26.000 LB	GREEN, MATTE		4 #26 PE FBRD PVC
1172A G7X1000	1,000 FT	26.000 LB	BLUE, MATTE		4 #26 PE FBRD PVC
1172A G8M1000	1,000 FT	26.000 LB	YELLOW, MATTE		4 #26 PE FBRD PVC
1172A U901000	1,000 FT	26.000 LB	GRAY, MATTE		4 #26 PE FBRD PVC

Notes:

C = CRATE REEL PUT-UP.

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