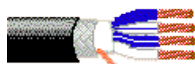


## 1172A Multi-Conductor - Four-Conductor Star Quad, Low-Impedance Cable



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. (mm)
4	26	30x40	SBC - Soft Bare Copper	0.5334

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PE - Polyethylene	1.143

#### 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: 4.826 mm

### Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 60°C

Bulk Cable Weight: 37.205 Kg/Km

Max. Recommended Pulling Tension: 164.583 N

Min. Bend Radius/Minor Axis: 50.800 mm

### 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

## METRIC MEASUREMENT VERSION

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

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)

118.116

##### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

22.3108

##### 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:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1172A B59N1000	1,000 FT	28.000 LB	BLACK, MATTE		4 #26 PE FBRD PVC
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 G7Y1000	1,000 FT	26.000 LB	WHITE, MATTE		4 #26 PE FBRD PVC
1172A G8C1000	1,000 FT	26.000 LB	PURPLE, 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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