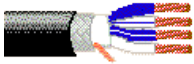


## 1172A Multi-Conductor - Four-Conductor Star Quad, Low-Impedance Cable



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.

### 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

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|                                   |     |
|-----------------------------------|-----|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MIL Order #39 (China RoHS):       | Yes |
| <b>Plenum/Non-Plenum</b>          |     |
| 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:

| 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 G7Y1000 | 1,000 FT | 26.000 LB   | WHITE, 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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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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