



REPRESENTATIVE IMAGE

Product: [1192A](#)

Microphone Cable, Star Quad, 4 C #24 Str BC, 92% TC Braid, PVC Jkt

Product Description

Microphone Cable, Star Quad, 4 Conductor 24 AWG (42 x 40) High Conductivity Bare Copper, PE Insulation, 92% Tinned Copper Braid Shield, PVC Jacket

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Microphone, Low Noise for high-EMI environments; Line level balanced analog audio |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|--------|-----------|------------------|
| Conductor(s) | 4 | 24 AWG | 42x40 | BC - Bare Copper |

Insulation

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------|-------------------|--------------------|--------------------------|---|
| Conductor(s) | PE - Polyethylene | 0.016 in (0.41 mm) | 0.056 in (1.4 mm) | Blue, White, Blue/White Stripe, White/Blue Stripe |

Outer Shield

| Shield Type | Material | Coverage | Notes |
|-------------|--------------------|----------|------------------------|
| Braid | Tinned Copper (TC) | 92% | Paper tape under braid |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter |
|--------------------------|-------------------|--------------------|
| PVC - Polyvinyl Chloride | 0.044 in (1.1 mm) | 0.245 in (6.22 mm) |

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|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.245 in (6.22 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Characteristic Impedence | Nom. Velocity of Prop. | Max. Current |
|--------------|-------------------------------|-------------------------------|-------------------------------|------------------------|-------------------------------|
| Conductor(s) | 26.6 Ohm/1000ft (87.3 Ohm/km) | 39.2 pF/ft (129 pF/m) | 40 Ohm | 66% | 2.9 Amps per conductor @ 25°C |

Voltage

Voltage Rating

| |
|-------|
| 100 V |
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Mechanical Characteristics

Temperature

Operating

| |
|----------------|
| -30°C to +75°C |
|----------------|

Bend Radius

Stationary Min. Installation Min.

| | |
|----------------|----------------|
| 2.5 in (64 mm) | 2.5 in (64 mm) |
|----------------|----------------|

| | |
|--------------------|--------------------------|
| Max. Pull Tension: | 21 lbs |
| Bulk Cable Weight: | 33 lbs/1000ft (49 kg/km) |

Standards and Compliance

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|--------------------------------|--|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

Product Notes

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|--------|---|
| 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. |
|--------|---|

History

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| Update and Revision: | Revision Number: 0.368 Revision Date: 12-15-2021 |
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Variants

| Item # | Color | Putup Type | Length | UPC |
|----------------|---------------|---------------------|----------|--------------|
| 1192A B59100 | Black, Matte | Reel | 100 ft | 612825108191 |
| 1192A B59500 | Black, Matte | Reel | 500 ft | 612825108214 |
| 1192A B591000 | Black, Matte | Reel | 1,000 ft | 612825108207 |
| 1192A B59N1000 | Black, Matte | Reel w/Small Barrel | 1,000 ft | 612825108184 |
| 1192A G7X500 | Blue, Matte | Reel | 500 ft | 612825108269 |
| 1192A G7X1000 | Blue, Matte | Reel | 1,000 ft | 612825108252 |
| 1192A U901000 | Gray, Matte | Reel | 1,000 ft | 612825108283 |
| 1192A G7W1000 | Green, Matte | Reel | 1,000 ft | 612825108245 |
| 1192A G7WN1000 | Green, Matte | Reel w/Small Barrel | 1,000 ft | 612825108238 |
| 1192A G8C1000 | Purple, Matte | Reel | 1,000 ft | 612825350118 |
| 1192A G8CN1000 | Purple, Matte | Reel w/Small Barrel | 1,000 ft | 612825350101 |
| 1192A G7V1000 | Red, Matte | Reel | 1,000 ft | 612825108221 |
| 1192A G8M1000 | Yellow, Matte | Reel | 1,000 ft | 612825108276 |

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