



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
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Construction Details

Conductor

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

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PE - Polyethylene	0.016	Blue, White, Blue/White Stripe, White/Blue Stripe

Outer Shield Material

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

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.044 in	0.245 in

Cable Diameter (Nominal):	0.245 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Characteristic Impedence	Max. Current
Conductor(s)	26.6 Ohm/1000ft	39.2 pF/ft	40 Ohm	2.9 Amps per conductor @ 25°C

Nom Outer Shield DCR:	7.1 Ohm/1000ft
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Voltage

Non-UL Voltage Rating
100 V

Mechanical Characteristics

Temperature

Operating
-30°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.5 in	2.5 in

Max. Pull Tension:	21 lbs
Bulk Cable Weight:	33 lbs/1000ft

Standards and Compliance

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

Product Notes

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.
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History

Update and Revision:	Revision Number: 0.343 Revision Date: 08-25-2020
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