



REPRESENTATIVE IMAGE

Product: [8404](#)

Microphone Cable, Star Quad, 4 C #20 Str TC, Rayon & 85% TC Braid, PVC Jkt

Product Description

Microphone Cable, Star Quad, 4 Conductor 20 AWG (19 x 32) Tinned Copper (High conductivity), PE Insulation, Rayon® Braid, 85% Tinned Copper Braid Shield, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Low frequency microphone or musical instruments; Balanced analog audio; Low Noise for high-EMI environments
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	4	20	19x32	TC - Tinned Copper (High Conductivity)

Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PE - Polyethylene	0.016	Clear, Black, Red, Green

Outer Shield Material

Shield Type	Material	Coverage
Braid + Braid	Rayon® + Tinned Copper (TC)	85% + 85%

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in	0.252 in

Cable Diameter (Nominal):	0.252 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Characteristic Impedance	Max. Current
Conductor(s)	10.2 Ohm/1000ft	23 pF/ft	45 Ohm	3.1 Amps per conductor @ 25°C

Nom Outer Shield DCR:	3.23 Ohm/1000ft
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Voltage

UL Voltage Rating
300 V (UL AWM 2094)

Mechanical Characteristics

Temperature

UL Rating	Operating
60°C (UL AWM 2094)	-20°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
2.5 in	3 in

Max. Pull Tension:	100 lbs
Bulk Cable Weight:	46 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Fire Resistance:	VW-1
AWM Compliance:	2094
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, 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:	Overall cabling separator material: Rayon braid. 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: 0.323 Revision Date: 08-25-2020
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