



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

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.016 in (0.41 mm)	0.069 in (1.8 mm)	Clear, Black, Red, Green

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.252 in (6.40 mm)

Overall Cable Diameter (Nominal):	0.252 in (6.40 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Conductor(s)	10.2 Ohm/1000ft (33.5 Ohm/km)	23 pF/ft (75 pF/m)	45 Ohm	66%	3.1 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (UL AWM 2094)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
3.0 in (76 mm)	3.0 in (76 mm)

Max. Pull Tension:	100 lbs
Bulk Cable Weight:	46 lbs/1000ft (68 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 2094
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), 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: 0.347 Revision Date: 12-15-2021
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Variants

Item #	Color	Putup Type	Length	UPC
8404 060100	Chrome	Reel	100 ft	612825206187
8404 060500	Chrome	Reel	500 ft	612825206163
8404 0601000	Chrome	Reel	1,000 ft	612825206194
8404 060U1000	Chrome	UnReel	1,000 ft	612825206200

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