



REPRESENTATIVE IMAGE

**Product:** [8424](#)

Microphone Cable, Star Quad, 4 C #20 Str TC, Rayon & 85% TC Braid, Cotton Serve, EPDM Jkt, Flexible

**Product Description**

Microphone Cable, Star Quad, 4 Conductor 20 AWG (26 x 34) Tinned Copper (High conductivity), EPDM Insulation, Rayon® Braid, 85% Tinned Copper Braid Shield, Cotton Serve, EPDM Jacket

**Technical Specifications**

**Product Overview**

Suitable Applications:	Ruggedized, deployable microphone for studio or live performance; Balanced analog audio
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**Construction Details**

**Conductor**

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	4	20	26x34	TC - Tinned Copper (High Conductivity)

**Insulation**

Element	Material	Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.023 in	0.083	Black, White, Red, Green

**Outer Shield Material**

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

**Outer Jacket Material**

Separator	Material	Thickness	Nom. Diameter
Cotton Serve	EPDM - Ethylene Propylene Diene Monomer	0.036 in	0.294 in

Cable Diameter (Nominal):	0.294 in
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**Electrical Characteristics**

**Electricals**

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Conductor(s)	10.2 Ohm/1000ft	47 pF/ft	52 Ohm	52%	3.2 Amps per conductor @ 25°C

Nom Outer Shield DCR:	3.2 Ohm/1000ft
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**Voltage**

<b>UL Voltage Rating</b>
600 V RMS

**Mechanical Characteristics**

**Temperature**

<b>Operating</b>
-50°C to +90°C

**Bend Radius**

Stationary Min.	Installation Min.
3 in	3.5 in

Max. Pull Tension:	87 lbs
Bulk Cable Weight:	61 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
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:	Quad connection scheme: The black and red wires (or wires directly opposite one another) are connected together to form one conductor, and similarly the white and green wires (or remaining wires) are connected together to form the second conductor. Outer Shield Separator Material: Cotton Wrap
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## History

Update and Revision:	Revision Number: 0.350 Revision Date: 09-30-2020
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