



REPRESENTATIVE IMAGE

Product: [8427](#)

Microphone Cable, 7 C #20 Str TC, Rayon & 85% TC Braid, Cotton Serve, EPDM Jkt, Flexible

Product Description

Microphone Cable, 7 Conductor 20 AWG (26 x 34) Tinned Copper (High Conductivity), EPDM Insulation, Rayon® Braid, 85% Tinned Copper Braid Shield, Cotton Serve, EPDM Jacket, Flexible

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)	7	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, Brown, Green, Red, Yellow, Blue

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	0.041 in	0.355 in

Cable Diameter (Nominal):	0.355 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedance	Max. Current
Conductor(s)	10.2 Ohm/1000ft	30 pF/ft	55 pF/ft	52 Ohm	2.8 Amps per Conductor at 25°C

Nom Outer Shield DCR:	2.3 Ohm/1000ft
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Voltage

Non-UL Voltage Rating
600 V

Mechanical Characteristics

Temperature

Operating
-50°C to +90°C

Bend Radius

Stationary Min.	Installation Min.
3.5 in	3.6 in

Max. Pull Tension:	143 lbs
Bulk Cable Weight:	89 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)

History

Update and Revision:	Revision Number: 0.339 Revision Date: 09-30-2020
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