



REPRESENTATIVE IMAGE

Product: [8412](#)

Microphone Cable, 2 C #20 Str TC, Rayon & 85% TC Braid, Cotton Serve, EPDM Jkt

Product Description

Microphone Cable, 2 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	Size	Stranding	Material
Conductor(s)	2	20 AWG	26x34	TC - Tinned Copper (High Conductivity)

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.023 in (0.58 mm)	0.083 in (2.1 mm)	White, Black

Outer Shield

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

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Cotton Serve	EPDM - Ethylene Propylene Diene Monomer	0.035 in (0.89 mm)	0.262 in (6.65 mm)

Overall Cable Diameter (Nominal):	0.262 in (6.65 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	10.6 Ohm/1000ft (34.8 Ohm/km)	33 pF/ft (110 pF/m)	58 pF/ft (190 pF/m)	67 Ohm	4 Amps per conductor @ 25°C

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

Operating
-50°C to +90°C

Bend Radius

Stationary Min.	Installation Min.
3.1 in (79 mm)	3.1 in (79 mm)

Max. Pull Tension:	100 lbs
Bulk Cable Weight:	44 lbs/1000ft (65 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	8412P

History

Update and Revision:	Revision Number: 0.371 Revision Date: 12-15-2021
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Variants

Item #	Color	Putup Type	Length	UPC
8412 010100	Black	Reel	100 ft	612825206361
8412 010250	Black	Reel	250 ft	612825206385
8412 010500	Black	Reel	500 ft	612825206330
8412 010U500	Black	UnReel	500 ft	612825396987
8412 0101000	Black	Reel	1,000 ft	612825206378
8412 010U1000	Black	UnReel	1,000 ft	612825206347
8412 0061000	Blue, Light	Reel	1,000 ft	612825206354
8412 0021000	Red	Reel	1,000 ft	612825206316
8412 0041000	Yellow	Reel	1,000 ft	612825206323

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