

Product: <u>8426</u> ☑



Microphone Cable, 6 Conductor 20 AWG TC

Product Description

Microphone 6 Conductor 20 AWG stranded (26x34) high-conductivity TC conductors, cabled, rubber insulation, cotton wrap, rayon braid, TC braid shield (85% coverage), EPDM rubber jacket.

Technical Specifications

Product Overview

Suitable Applications:	Microphone/Musical Instrument Cable
Physical Characteristics (Overall)	

Conductor

Element	AWG	Stranding		Material	No. of Conductors
Conductor(s)	20	26x34	High Cond	ductivity Tinned Copper	6
Conductor Co	ount:		6		

Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.023 in

Color Chart

Number	Color
1	Blue
2	Red
3	Black
4	White
5	Brown
6	Green

Outer Shield Material

Type	Material	Coverage [%]
Braid	Rayon	
Braid	TC - Tinned Copper	85 %

Outer Jacket Material

	Material	Nominal Diameter	Separator Material
Ī	EPDM - Ethylene Propylene Diene Monomer	0.342 in	Cotton Serve

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
10.2 Ohm/1000ft	2.2 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor Nom. Capacitance Conductor to Other Conductor to Shield

30 pF/ft	55 pF/ft
Inductance	
Nominal Inductance	

0.18 µH/ft

Impedance

Nominal Characteristic Impedance 52 Ohm

Current

Max. Recommended Current [A] 2.8 Amps per conductor @ 25°C

Voltage

Non-UL Voltage Rating 600 V RMS

Temperature Range

Non-UL Temp Rating:	60°C
Operating Temp Range:	-50°C To +90°C

Mechanical Characteristics

Bulk Cable Weight:	82 lbs/1000ft
Max Recommended Pulling Tension:	124 lbs
Min Bend Radius/Minor Axis:	3.5 in

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

	Suitability - Indoor:	Yes
- I		

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

	Item #	Color	Putup Type	Length	UPC
8	3426 010100	Black	Reel	100 ft	612825206835
8	3426 010250	Black	Reel	250 ft	612825206842
F	ootnote:				C - CRATE REE

Product Notes

Notes:	Overall Cabling Separator Material: Rayon Braid, Cotton Serve

History

Update and Revision:	Revision Number: 0.283 Revision Date: 05-11-2020

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