



Part Number: 8418

Microphone Cable, #20-8c, TC, O/A Braid, CM

Product Description

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

Technical Specifications

Product Overview

Enviro	nmental Spa	ice:	In	door (Not Riser or Plenu	ım)
Physi	ical Char	acteristics (Overall)			
Conduc	ctor				
AWG	Stranding	Material	Nominal Diamete	er No. of Conductors	
20	26x34	High Conductivity TC - Tinned Copper	0.037 in	8	
Condu	ctor Count:		8		
Condu	ctor Size:		20) AWG	

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.083 in	0.023 in

Color Chart

Number	Color
1	Blue
2	Orange
3	Black
4	White
5	Brown
6	Green
7	Red
8	Yellow

Outer Shield Material

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

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
EPDM - Ethylene Propylene Diene Monomer Rubber	0.381 in	0.037 in	Rayon Braid, Cotton Serve

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR
10.2 Ohm/1000ft	10.2 Ohm/1000ft	2.4 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/ft	55 pF/ft

Braid(s) Inductance Nominal Inductance Impedance Nominal Characteristic Impedance Current Max. Recommended Current [A] Voltage Non-UL Voltage Rating **Temperature Range** 60°C Non-UL Temp Rating: Operating Temp Range: -50°C To +90°C **Mechanical Characteristics Bulk Cable Weight:** 100 lbs/1000ft Max Recommended Pulling Tension: 116 lbs Min Bend Radius/Minor Axis: 3.8 in **Standards** CPR Euroclass: Fca **Applicable Environmental and Other Programs** EU Directive 2000/53/EC (ELV): Yes EU Directive 2003/11/EC (BFR): Yes EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2012/19/EU (WEEE): Yes EU Directive 2015/863/EU: **EU Directive Compliance:** EU Directive 2003/11/EC (BFR) EU CE Mark: EU RoHS Compliance Date (yyyy-mm-dd): 2004-01-01 CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes Suitability Plenum/Non-Plenum

Suitability - Indoor:	Yes	

Plenum (Y/N):	No

Part Number

Variants

variants		
Item #	Color	Footnote
8418 010100	Black	
8418 010250	Black	С
Footnote:		

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