

Product: <u>8402</u> 🗹

Microphone Cable, 2 Conductor 20 AWG, TC



Product Description

0.18 µH/ft

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

Technical Specifications

Suitable Applications:		Ruggediz	zed, deployable micro	ophone for st	tudio or live p	performance	; Balanced a	nalog aud
Physical Characte	ristics (Overa	ll)						
conductor								
AWG Stranding	Material		Nominal Diameter	No. of Cor	nductors			
20 26x34 TC -	Tinned Copper (Hig	gh Conductivity)	0.083 in	2				
Conductor Count:		2						
sulation								
Materia	al	Nominal Dia	meter					
EPDM - Ethylene Propyle	ene Diene Monome	er 0.083 in						
olor Chart								
Number Color								
White								
Black								
uter Shield								
	Coverage [%]	1						
Type Material	Coverage [%]	I						
Type Material Braid Rayon®	85%							
Type Material Braid Rayon®	85%							
Type Material Braid Rayon® Braid Tinned Copper (Trees)	85%							
Ype Material Braid Rayon® Braid Tinned Copper (Trees)	85% C) 85%	lominal Diamete	er Nominal Wall Th	ickness S	eparator Ma	terial		
Type Material Braid Rayon® Braid Tinned Copper (Tri Interview Copper (Tri	85% C) 85%	Iominal Diamete	er Nominal Wall Th 0.035 in		eparator Ma otton Serve	terial		
Type Material Braid Rayon® Braid Tinned Copper (Triver) uter Jacket Material	85% C) 85%				<u> </u>	terial		
Type Material Braid Rayon® Braid Tinned Copper (Treated in the second in the sec	85% C) 85% R N ed Polyethylene 0				<u> </u>	terial		
Type Material Braid Rayon® Braid Tinned Copper (Treated in the second in the sec	85% C) 85% R N ed Polyethylene 0				<u> </u>	terial		
Type Material Braid Rayon® Braid Tinned Copper (Tree Puter Jacket CSPE - Chlorosulphonate Electrical Character	85% C) 85% R N ed Polyethylene 0				<u> </u>	terial		
Type Material Braid Rayon® Braid Tinned Copper (Tr Duter Jacket Material CSPE - Chlorosulphonate Electrical Character	85% C) 85% ed Polyethylene 0 eristics	.263 in	0.035 in	C	<u> </u>			
Braid Rayon® Braid Tinned Copper (Ti Duter Jacket	85% C) 85% ed Polyethylene 0 eristics	.263 in uctor DCR Cont	0.035 in	C	otton Serve			
Type Material Braid Rayon® Braid Tinned Copper (Tr nuter Jacket Material CSPE - Chlorosulphonate Electrical Character onductor DCR	85% C) 85% Nominal Cond	.263 in uctor DCR Cont	0.035 in	C Nominal Ou	otton Serve			
Type Material Braid Rayon® Braid Tinned Copper (Tr buter Jacket CSPE - Chlorosulphonate Electrical Character Sonductor DCR	85% C) 85% Nominal Cond	.263 in uctor DCR Cont	0.035 in	C Nominal Ou	otton Serve			
Type Material Braid Rayon® Braid Tinned Copper (Transmitted Copper	85% 85% 85% Nominal Cond 10.2 Ohm/1000	.263 in uctor DCR Cont ft	0.035 in	Nominal Ou 3 Ohm/1000	uter Shield I	DCR		

Impedance

Nominal Characteristic Ir	Impedanc	
52 Ohm		

Current

Max. Recommended Current [A]
4 Amps per Conductor at 25°C

Voltage

Non-UL Voltage Rating 600 V RMS

Temperature Range

Non-UL Temp Rating:	60°C
Operating Temperature Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	50 lbs/1000ft
Max. Pull Tension:	98 lbs
Min. Bend Radius/Minor Axis:	2.63 in

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability -	Indoor

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
Plenum/Non-Plenum	

Yes

No

Plenum (Y/N):

Related Part Numbers

ltem #	Color	Put-Up Type	Length	UPC
8402 001500	Brown	Reel	500 ft	612825206101
8402 001U1000	Brown	UnReel	1,000 ft	612825206149
Footnote:				C - CRATE RE

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Update and Revision:

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