



Part Number: 8412

Microphone Cable, #20-2c, TC, O/A Braid, CM

Product Description

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

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
20	26x34	High Conductivity TC - Tinned Copper	0.037 in	2
Total Number of Conductors:				2

Insulation:

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

Color Chart 1:

Number	Color
1	White
2	Black

Outershield 1:

Type	Layer	Material	Coverage [%]
Braid	1	Cotton	
Braid	2	TC - Tinned Copper	85 %
Cotton Wrap in			

Outerjacket 1:

Material	Nominal Diameter	Separator Material
EPDM - Ethylene Propylene Diene Monomer Rubber	0.262 in	Rayon Braid

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
10.6 Ohm/1000ft	4.5 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
33 pF/ft	58 pF/ft

Impedance:

Nominal Characteristic Impedance
67 Ohm

Current:

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

Inductance:

Nominal Inductance
0.18 µH/ft

Voltage:

Non-UL Voltage Rating
600V RMS

Use

Max Recommended Pulling Tension:	100 lbs
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Temperature Range

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

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.75 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

Product Variants

Part Number	Color	Put-Up Type	Length
8412	RED	Reel	1000 ft
8412	RED	Reel	305 m
8412 0021000	RED	Reel	1000 ft
8412	YELLOW	Reel	1000 ft
8412	YELLOW	Reel	305 m
8412 0041000	YELLOW	Reel	1000 ft
8412	BLUE, LIGHT	Reel	1000 ft
8412	BLUE, LIGHT	Reel	305 m
8412 0061000	BLUE, LIGHT	Reel	1000 ft
8412	BLACK	Reel	1000 ft
8412	BLACK	Reel	305 m
8412 0101000	BLACK	Reel	1000 ft
8412	BLACK	Reel	100 ft
8412	BLACK	Reel	30 m
8412 010100	BLACK	Reel	100 ft
8412	BLACK	Reel	250 ft
8412	BLACK	Reel	76 m
8412 010250	BLACK	Reel	250 ft
8412	BLACK	Reel	500 ft
8412	BLACK	Reel	152 m
8412 010500	BLACK	Reel	500 ft
8412	BLACK	Reel	1000 ft
8412	BLACK	Reel	305 m
8412	BLACK	UnReel	1000 ft
8412	BLACK	UnReel	305 m
8412 010U1000	BLACK	UnReel	1000 ft
8412	BLACK	UnReel	500 ft
8412	BLACK	UnReel	152 m
8412 010U500	BLACK	UnReel	500 ft
8412			

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