



**Part Number:** 8408

Microphone Cable, #16-2c, TC, O/A Braid, CM

## Product Description

16 AWG stranded (65x34) high-conductivity tinned copper conductors, EPDM rubber insulation, rayon braid, tinned copper braid shield (85% coverage), cotton wrap, CSPE - Chlorosulphonated Polyethylene heavy-duty jacket.

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
16	65x34	TC - Tinned Copper	0.059 in	2
<b>Total Number of Conductors:</b>			2	

#### Insulation:

Material	Nominal Diameter
EPDM - Ethylene Propylene Diene Monomer Rubber	0.133 in

#### Color Chart 1:

Number	Color
1	Black
2	White

#### Outershield 1:

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

#### Outerjacket 1:

Material	Nominal Diameter
CSPE - Chlorosulphonated Polyethylene	0.38 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
4 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

### Impedance:

Nominal Characteristic Impedance
59 Ohm

### Current:

Max. Recommended Current [A]
5.6 Amps per conductor @ 25°C (10°C Rise)

### Voltage:

Non-UL Voltage Rating
600V RMS

## Use

Max Recommended Pulling Tension:	150 lbs
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## Safety

UL Flammability:	VW-1
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## Temperature Range

Non-UL Temp Rating:	60°C °C
Operating Temp Range:	-30°C To +60°C °C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	4 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
8408	BROWN	Reel	305 m
8408	BROWN	Reel	500 ft
8408	BROWN	Reel	152 m
8408 001500	BROWN	Reel	500 ft
8408			

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