

**Product:** [9398](#) 



Microphone Cable, 3 Conductor 24 AWG, BC

## Product Description

24 AWG stranded (105x44) high-conductivity bare copper conductors, PVC insulation, double bare copper spiral shield (95% coverage), PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	105x44	BC - Bare Copper (High Conductivity)	0.024 in	3

Conductor Count:	3
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#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.048 in	0.012 in

#### Color Chart

Number	Color
1	White
2	Green
3	Brown

#### Outer Shield Material

Type	Material	Coverage [%]
Spiral Serve / Screen	Bare Copper (BC)	95%

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.185 in	0.03 in

### Electrical Characteristics

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
40 pF/ft	110 pF/ft

#### Inductance

Nominal Inductance
0.19 $\mu$ H/ft

#### Impedance

Nominal Characteristic Impedance
47 Ohm

#### Current

Max. Recommended Current [A]

3.36 Amps per Conductor at 25°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

## Mechanical Characteristics

Bulk Cable Weight:	23 lbs/1000ft
Max. Pull Tension:	45 lbs
Min Bend Radius/Minor Axis:	2 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 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:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LSOH, Toxicity Testing

UL voltage rating:	300 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
9398 B591000	Black, Matte	Reel	1,000 ft	612825239956

Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision:	Revision Number: 0.305 Revision Date: 09-30-2020
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