

Part Number: 1812A

Microphone Cable, #24-2c, BC, O/A Braid, CM



Product Description

24 AWG stranded (42x40) high-conductivity BC conductors, PVC insulation, double bare copper spiral shield (95% coverage), PVC outer jacket.

Technical Specifications

Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
24	42x40	High Conductivity BC - Bare Copper	0.024 in	2

Conductor Count:	2
Conductor Size:	24 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.047 in	0.0115 in

Inner Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.122 in	0.013 in

Outer Shield Material

Type	Material	Coverage [%]
Double Spiral Serve	BC - Bare Copper	95 %

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.213 in	0.037 in
	0.037 in	

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
23.3 Ohm/1000ft	23.3 Ohm/1000ft		5.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
33 pF/ft	54 pF/ft
Shielding:	Serve(s) or Spiral(s)

Inductance

Nominal Inductance
0.196 μ H/ft

Voltage

Non-UL Voltage Rating
100 V RMS

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	30 lbs/1000ft
Max Recommended Pulling Tension:	10 lbs
Min Bend Radius/Minor Axis:	2.25 in

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:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
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

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
1812A B591000	BLACK, MATTE	C
1812A B59328	BLACK, MATTE	
1812A B59N1000	BLACK, MATTE	
1812A B59N1000	BLACK, MATTE	
1812A G7X1000	BLUE, MATTE	C
1812A G7XN1000	BLUE, MATTE	
1812A G7XN1000	BLUE, MATTE	
1812A G7W1000	GREEN, MATTE	
1812A G7WN1000	GREEN, MATTE	
1812A G7WN1000	GREEN, MATTE	
1812A G7V328	RED, MATTE	
1812A G7VN1000	RED, MATTE	
1812A G7VN1000	RED, MATTE	

Footnote:	C - CRATE REEL PUT-UP.
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