

Part Number: 8049

Magnet Wire, (1) 18 AWG Solid BC, PUR-NYL

**Picture
Not Available**

Product Description

One 18 AWG solid bare copper conductor, polyurethane/nylon insulation.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
18	Solid	BC - Bare Copper	1
Total Number of Conductors:			1

Insulation:

Material	
PUR/Nylon - Polyurethane/Nylon	
Min Increase in OD:	0.001 in

Outerjacket 1:

Max. Diameter
0.0424 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
6.4 Ohm/1000ft

Current:

Max. Recommended Current [A]

2.3 A

Voltage:

Breakdown Voltage

2850 volts minimum at room temperature

Use

Approximate Length:	100 m
Turns Per Linear Inch:	23.9
Turns Per Square Inch:	571

Safety

Temperature Range

Non-UL Temp Rating:	130°C
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Mechanical Characteristics

Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
MIL Spec Rating:	MIL Spec Rating
Military Specification:	Military Specification
NEMA Specification:	NEMA Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

Product Variants

Part Number	Color	Put-Up Type	Length
8049	NONE	Reel	1 ft

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