

**Picture
Not Available**

Part Number: 8081

Magnet Wire, (1) 30 AWG Solid BC, Heavy-Armored
Poly-Thermaleze

Product Description

One 30 AWG solid bare copper conductor, heavy-armored poly-thermaleze insulation.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

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

Insulation:

Material	
Polyester	
Polyester-Imide or Polyester-Amide-Imide Overcoated w/Polyamide-Imide	
Min Increase in OD:	0.001 in

Outerjacket 1:

Max. Diameter
0.0119 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
103.7 Ohm/1000ft

Current:

Max. Recommended Current [A]
14 A

Voltage:

Breakdown Voltage
4150 volts minimum at room temperature.

Use

Approximate Length:	3140 m
Turns Per Linear Inch:	86.2
Turns Per Square Inch:	7430

Safety

Temperature Range

Non-UL Temp Rating:	200°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
8081	NONE	Reel	1 ft

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