

**Part Number:** 8081

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

**Picture  
Not Available**

## 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
<b>Total Number of Conductors:</b>			1

#### Insulation:

Material	
Polyester	
Polyester-Imide or Polyester-Amide-Imide Overcoated w/Polyamide-Imide	
<b>Min Increase in OD:</b>	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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