

**Part Number:** 8052

Magnet Wire, (1) 24 AWG Solid BC, PUR-NYL

**Picture  
Not Available**

## Product Description

One 24 AWG solid bare copper conductor, polyurethane/nylon insulation.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
24	Solid	BC - Bare Copper	1
<b>Total Number of Conductors:</b>			1

#### Insulation:

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

#### Outerjacket 1:

Max. Diameter
0.0217 mm

### Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
25.7 Ohm/1000ft

## Current:

### Max. Recommended Current [A]

6 A

## Voltage:

### Breakdown Voltage

2425 volts minimum at room temperature.

## Use

Approximate Length:	404 m
Turns Per Linear Inch:	46.9
Turns Per Square Inch:	2200

## 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
8052	NONE	Reel	1 ft

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