



**Part Number: 8058**

Magnet Wire, (1) 36 AWG Solid BC, PUR-NYL

## Product Description

One 36 AWG solid bare copper conductor, polyurethane/nylon insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
36	Solid	BC - Bare Copper	1

Conductor Count: 1

#### Insulation

Material	Nominal Diameter
PUR/Nylon - Polyurethane/Nylon	0.0058 in

#### Outer Jacket Material

Max. Diameter
0.0058 mm

### Construction and Dimensions

Min Increase in OD: 0 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
414.8 Ohm/1000ft

#### Current

Max. Recommended Current [A]
.036 A

#### Voltage

Breakdown Voltage
1075 volts minimum at room temperature. kV

### Temperature Range

Non-UL Temp Rating: 130°C

### Mechanical Characteristics

Approximate Length:	6400 m
Turns Per Linear Inch:	180
Turns Per Square Inch:	32400
Bulk Cable Weight:	0.079 lbs/1000ft

## Standards

UL AWM Style:	N/A
Military Specification:	J-W-1177/9
Other Specification:	NEMA-MW-C (Single)

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/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

## Part Number

Plenum (Y/N):	No
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## Variants

Item #	Color
8058	NONE

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