



**Part Number:** 8058

Magnet Wire, #36 Sol BC, PUR/NYL Ins, J-W-1177/9 MW 28-C

[Request Sample](#)

**Product Description**

Magnet Wire, 36AWG (Solid) Bare Copper, PUR/NYL Insulation, J-W-1177/9 MW 28-C

**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**

Material	Max. Diameter
No Jacket	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

**Temperature Range**

Non-UL Temp Rating: 130°C

**Mechanical Characteristics**

Approximate Length:	6400 ft
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

## Flammability, LSOH, Toxicity Testing

UL voltage rating:	N/A
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	UPC	Length
8058	None	612825194545	1 ft

## History

Update and Revision:	Revision Number: 0.273 Revision Date: 08-22-2019
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