



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**Part Number: 8058**

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

[Request Sample](#)

## 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
Conductor Size:	36 AWG

#### 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
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### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
414.8 Ohm/1000ft

Shielding:	Unshielded
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#### Current

Max. Recommended Current [A]
.036 A

#### Voltage

Breakdown Voltage
1075 volts minimum at room temperature

### Temperature Range

Non-UL Temp Rating:	130°C
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### 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
8058	None

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