

## 8049 Hook-up/Lead - Magnet Wire

For more Information  
please call

1-800-Belden1



**Picture  
Not Available**

**Description:**

Beldsol is a dual insulated Magnet Wire, combining excellent dielectric characteristics of polyurethane and toughness and solvent resistance of a nylon overcoat. Rated by IEEE tests for 270°F usage and will solder without insulation removal at 750°F.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	18	Solid	BC - Bare Copper

**Insulation**

Insulation Material:

Insulation Material
PUR/Nylon - Polyurethane/Nylon

Min. Increase in OD: 0.001 in.

**Overall Cable**

Overall Maximum Diameter: .0424

**Mechanical Characteristics (Overall)**

Non-UL Temperature Rating: 130°C

Bulk Cable Weight: 5 lbs/1000 ft.

Approximate Length: 100

Turns Per Linear Inch: 23.9

Turns Per Square Inch: 571

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

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

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Military Specification: J-W-1177/9

MIL Spec Rating: Class 130, Type SUN, Single

NEMA Specification: NEMA-MW28-C (Single)

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)****Nom. Conductor DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

6.400

**Max. Recommended Current:****Current**

2.3 A

**Breakdown Voltage:**

2850 volts minimum at room temperature

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8049	1 EA	0.531 LB			#18 BELDSOL MAG WIRE

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