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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	34	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: .0072

### Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 130°C

Bulk Cable Weight: 0.120 lbs/1000 ft.

Approximate Length: 4060

Turns Per Linear Inch: 144.0

Turns Per Square Inch: 20736

### 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)**

261.300

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

.057 A

**Breakdown Voltage:** 1350 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
8057	1 EA	0.531 LB			#34 BELDSOL MAG WIRE - 1/2 LB

Revision Number: 2    Revision Date: 03-23-2010

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