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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            | 32  | Solid     | BC - Bare Copper   |

#### Insulation

Insulation Material:

| Insulation Material            |
|--------------------------------|
| PUR/Nylon - Polyurethane/Nylon |

Min. Increase in OD: 0.001 in.

#### Overall Cabling

Overall Maximum Diameter: .0091

### Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 130°C

Bulk Cable Weight: 0.200 lbs/1000 ft.

Approximate Length: 2515

Turns Per Linear Inch: 114.0

Turns Per Square Inch: 12996

### 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:**

|                                 |
|---------------------------------|
| <b>DCR @ 20°C (Ohm/1000 ft)</b> |
| 162.000                         |

**Max. Recommended Current:**

|                |
|----------------|
| <b>Current</b> |
| .091 A         |

**Breakdown Voltage:** 1675 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            |
|--------|-------|-------------|-------|-------|----------------------|
| 8056   | 1 EA  | 0.503 LB    |       |       | #32 BELDSOL MAG WIRE |

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

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