

## 8075 Hook-up/Lead - Magnet Wire

 For more Information  
 please call

1-800-Belden1


**Picture  
 Not Available**
**Description:**

The Poly-Thermaleze® base coat is a cross-linked, modified polyester. Its top coat is an amide-imide polymer. Rated for 180°C usage, Belden heavy-armored Poly-Thermaleze has exceptional ability to resist solvents and abuse in difficult windings.

**Physical Characteristics (Overall)****Conductor****AWG:**

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

**Insulation****Insulation Material:**

Insulation Material
Polyester
Polyester-Imide or Polyester-Amide-Imide Overcoated w/Polyamide-Imide

**Min. Increase in OD:** 0.003 in.
**Overall Cabling**
**Overall Maximum Diameter:** .0437
**Mechanical Characteristics (Overall)**
**Operating Temperature Range:** 200°C

**Bulk Cable Weight:** 5 lbs/1000 ft.

**Approximate Length:** 199

**Turns Per Linear Inch:** 23.2

**Turns Per Square Inch:** 538
**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-1177/14

**MIL Spec Rating:** Class 200, Type K2 (Heavy)

**NEMA Specification:** NEMA-MW-35-C (Heavy)
**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:**

5700 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
8075	1 EA	1.220 LB			#18 HVY ARM PT MAG WIRE

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