Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

8077 Hook-up/Lead - Magnet Wire

Picture Not Available

For more Information please call

1-800-Belden1

General Description:

The Poly-Thermaleze® base coat is a cross-linked, modified polyester. Its top coat is an amide-imide polymer. Rated for 200°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	22	Solid	BC - Bare Copper

Total Number of Conductors:	1

Insulation

Insulation Material:

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

Min. Increase in OD:	0.002 in.

Overall Cable

Overall Maximum Diameter:	.0281

Mechanical Characteristics (Overall)

Operating Temperature Range:	200°C
Bulk Cable Weight:	2 lbs/1000 ft.
Approximate Length:	501
Turns Per Linear Inch:	36.0
Turns Per Square Inch:	1296

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
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)
16.200

Max. Recommended Current:

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Current
.9 A

Breakdown Voltage: 5125 volts minimum at room temperature.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8077	1 EA	1.031 LB			#22 HVY ARM PT MAG WIRE

Revision Number: 2 Revision Date: 01-21-2013

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