

**Picture  
Not Available**

**Part Number:** 8080

Magnet Wire, (1) 28 AWG Solid BC, Heavy-Armored  
Poly-Thermaleze

## Product Description

One 28 AWG solid bare copper conductor, heavy-armored poly-thermaleze insulation.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
28	Solid	BC - Bare Copper	1
Total Number of Conductors:			1

#### Insulation:

Material	
Polyester	
Polyester-Imide or Polyester-Amide-Imide Overcoated w/Polyamide-Imide	
Min Increase in OD:	0.002 in

#### Outerjacket 1:

Max. Diameter
0.0147 mm

### Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
65.3 Ohm/1000ft

Current:

Max. Recommended Current [A]
23 A

Voltage:

Breakdown Voltage
4375 volts minimum at room temperature.

Use

Approximate Length:	1990 m
Turns Per Linear Inch:	69.4
Turns Per Square Inch:	4816

Safety

Temperature Range

Non-UL Temp Rating:	200°C
---------------------	-------

Mechanical Characteristics

Part Number

Plenum (Y/N):	No
---------------	----

Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
MIL Spec Rating:	MIL Spec Rating
Military Specification:	Military Specification
NEMA Specification:	NEMA Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

Product Variants

Part Number	Color	Put-Up Type	Length
8080	NONE	Reel	1 ft

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.