

Product: 8079

Magnet Wire, #26 Sol BC, Polyester/Amide-imide Polymer Ins

Request Sample

Product Description

Magnet Wire, 26AWG (Solid) Bare Copper, Polyester/Amide-imide Polymer Insulation, CLASS 200 MW 35-C

Technical Specifications

Product Overview

Suitable Applications:	class 200 magnet wire

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
26	Solid	BC - Bare Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
Polyester	0.0182 in	0.002 in

Outer Jacket

Max. Diameter
0.0182 mm

Construction and Dimensions

Min Increase in OD:	0.002 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
41 Ohm/1000ft

Current

Max. Recommended Current [A]
Single conductor in free air @ 30°C: 0.36 A

Voltage

Breakdown Voltage
4600 V Minimum (at Room Temperature)

Temperature Range

Non-UL Temp Rating:	200°C

Mechanical Characteristics

Approximate Length:	1260 ft
Turns Per Linear Inch:	55.7

Turns Per Square Inch:	3102
Bulk Cable Weight:	0.8 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.08 in

Standards

Military Compliance:	J-W-1177/14

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	N/A

Plenum/Non-Plenum

Plenum (Y/N):	No

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
8079	None	Reel	1 ft	612825194613

History

Update and Revision:	Revision Number: 0.381 Revision Date: 02-03-2025

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.