

**Picture
Not Available**

Part Number: 8050

Magnet Wire, (1) 20 AWG Solid BC, PUR-NYL

Product Description

One 20 AWG solid bare copper conductor, polyurethane/nylon insulation.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| AWG | Stranding | Material | No. of Conductors |
|-----------------------------|-----------|------------------|-------------------|
| 20 | Solid | BC - Bare Copper | 1 |
| Total Number of Conductors: | | | 1 |

Insulation:

| Material | |
|--------------------------------|----------|
| PUR/Nylon - Polyurethane/Nylon | |
| Min Increase in OD: | 0.001 in |

Outerjacket 1:

| Max. Diameter |
|---------------|
| 0.0339 mm |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 10.1 Ohm/1000ft |

Current:

| Max. Recommended Current [A] |
|------------------------------|
| 1.5 A |

Voltage:

| Breakdown Voltage |
|--|
| 2700 volts minimum at room temperature |

Use

| | |
|------------------------|-------|
| Approximate Length: | 160 m |
| Turns Per Linear Inch: | 29.9 |
| Turns Per Square Inch: | 894 |

Safety

Temperature Range

| | |
|---------------------|-------|
| Non-UL Temp Rating: | 130°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 |
|-------------|-------|-------------|--------|
| 8050 | NONE | Reel | 1 ft |

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