



Part Number: 8597

Lead Wire, #28 Str TC, PVC Ins, TYPE B MIL-W-16878/1 600V 105C

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 28AWG (7x36) Tinned Copper, PVC Insulation, TYPE B MIL-W-16878/1 600V 105C

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 28 | 7x36 | TC - Tinned Copper | 1 |

| | |
|------------------|--------|
| Conductor Count: | 1 |
| Conductor Size: | 28 AWG |

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.035 in | 0.01 in |

Outer Jacket Material

| Material |
|-----------|
| No Jacket |

Electrical Characteristics

Current

| Max. Recommended Current [A] |
|------------------------------|
| 3.4 A |

Voltage

| Voltage Rating [V] |
|--------------------|
| 600 V |

Temperature Range

| | |
|---------------------|-------|
| Non-UL Temp Rating: | 105°C |
|---------------------|-------|

Mechanical Characteristics

| | |
|--------------------|--------------|
| Bulk Cable Weight: | 1 lbs/1000ft |
|--------------------|--------------|

Standards

| | |
|-------------------------|-------------------------|
| UL AWM Style: | N/A |
| Military Specification: | NEMA HP3, MIL-W-16878/1 |

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 II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2006-04-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MIL Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----|
| UL voltage rating: | N/A |
|--------------------|-----|

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | UPC | Length |
|--------------|-------------|--------------|----------|
| 8597 010100 | Black | 612825213369 | 100 ft |
| 8597 0101000 | Black | 612825213376 | 1,000 ft |
| 8597 006100 | Blue, Light | 612825213291 | 100 ft |
| 8597 0061000 | Blue, Light | 612825213307 | 1,000 ft |
| 8597 0011000 | Brown | 612825213178 | 1,000 ft |
| 8597 0081000 | Gray | 612825213321 | 1,000 ft |
| 8597 0051000 | Green, Dark | 612825213284 | 1,000 ft |
| 8597 0031000 | Orange | 612825213239 | 1,000 ft |
| 8597 002100 | Red | 612825213208 | 100 ft |
| 8597 0021000 | Red | 612825213215 | 1,000 ft |
| 8597 0071000 | Violet | 612825213314 | 1,000 ft |
| 8597 009100 | White | 612825213338 | 100 ft |
| 8597 0091000 | White | 612825213345 | 1,000 ft |
| 8597 004100 | Yellow | 612825213246 | 100 ft |
| 8597 0041000 | Yellow | 612825213253 | 1,000 ft |

History

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| Update and Revision: | Revision Number: 0.247 Revision Date: 07-11-2019 |
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