

Part Number: 8500



Hook-Up/ Lead Wire (Type B) MIL-W-16878/1-PVC, (1) 16 AWG (19x29) TC, PVC

Product Description

One 16 AWG stranded (19x29) tinned copper conductor, PVC insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 16 | 19x29 | TC - Tinned Copper | 1 |

| | |
|------------------|--------|
| Conductor Count: | 1 |
| Conductor Size: | 16 AWG |

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.079 in | 0.01 in |

Outer Jacket Material

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

Electrical Characteristics

| | |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

Voltage

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

Temperature Range

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

Mechanical Characteristics

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 10 lbs/1000ft |
|--------------------|---------------|

Standards

| | |
|-------------------------|---------------|
| UL AWM Style: | N/A |
| Military Specification: | 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 |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| | |
|--------------------|-----|
| UL Voltage Rating: | N/A |
|--------------------|-----|

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Footnote |
|--------------|----------------------|----------|
| 8500 010100 | BLACK | |
| 8500 0101000 | BLACK | P |
| 8500 006100 | BLUE, LIGHT | |
| 8500 0061000 | BLUE, LIGHT | P |
| 8500 0011000 | BROWN | P |
| 8500 0081000 | GRAY | P |
| 8500 005100 | GREEN, DARK | |
| 8500 0051000 | GREEN, DARK | P |
| 8500 0031000 | ORANGE | P |
| 8500 002100 | RED | |
| 8500 0021000 | RED | P |
| 8500 0071000 | VIOLET | P |
| 8500 009100 | WHITE | |
| 8500 0091000 | WHITE | P |
| 8500 0141000 | WHITE, BLACK STRIPE | |
| 8500 0181000 | WHITE, BLUE STRIPE | A |
| 8500 0191000 | WHITE, BROWN STRIPE | A |
| 8500 0161000 | WHITE, GREEN STRIPE | A |
| 8500 0201000 | WHITE, ORANGE STRIPE | A |
| 8500 0151000 | WHITE, RED STRIPE | A |
| 8500 0171000 | WHITE, YELLOW STRIPE | A |
| 8500 004100 | YELLOW | |
| 8500 0041000 | YELLOW | P |

| | |
|-----------|---|
| Footnote: | P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'. |
| Footnote: | A - STOCKED STRIPE COLORS. |

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