

**Part Number: 8501**



Lead Wire, #18 Str TC, PVC Ins, TYPE B MIL-W-16878/1 600V 105C

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 18AWG (7x26) Tinned Copper, PVC Insulation, TYPE B MIL-W-16878/1 600V 105C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	7x26H	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	18 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.068 in	0.01 in

**Outer Jacket Material**

Material
No Jacket

**Electrical Characteristics**

**Voltage**

Voltage Rating [V]
600 V

**Temperature Range**

Non-UL Temp Rating:	105°C
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**Mechanical Characteristics**

Bulk Cable Weight:	6.5 lbs/1000ft
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**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, LSOH, Toxicity Testing

UL voltage rating:	N/A
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
8501 010100	Black	612825209362	100 ft	
8501 0101000	Black	612825209379	1,000 ft	P
8501 006100	Blue, Light	612825209287	100 ft	
8501 0061000	Blue, Light	612825209294	1,000 ft	P
8501 001100	Brown	612825209164	100 ft	
8501 0011000	Brown	612825209171	1,000 ft	P
8501 0081000	Gray	612825209317	1,000 ft	P
8501 005100	Green, Dark	612825209263	100 ft	
8501 0051000	Green, Dark	612825209270	1,000 ft	P
8501 003100	Orange	612825209225	100 ft	
8501 0031000	Orange	612825209232	1,000 ft	P
8501 002100	Red	612825209201	100 ft	
8501 0021000	Red	612825209218	1,000 ft	P
8501 0071000	Violet	612825209300	1,000 ft	P
8501 009100	White	612825209331	100 ft	
8501 0091000	White	612825209348	1,000 ft	P
8501 0141000	White, Black Stripe	612825209386	1,000 ft	
8501 0181000	White, Blue Stripe	612825209409	1,000 ft	A
8501 0211000	White, Gray Stripe	612825209423	1,000 ft	A
8501 0201000	White, Orange Stripe	612825209416	1,000 ft	
8501 0151000	White, Red Stripe	612825209393	1,000 ft	A
8501 004100	Yellow	612825209249	100 ft	
8501 0041000	Yellow	612825209256	1,000 ft	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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