



REPRESENTATIVE IMAGE

**Product:** [8527](#)

Lead Wire, #12 Str TC, PVC Ins, TYPE MW MIL-W-76C-PVC

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 12AWG (65x30) Tinned Copper, PVC Insulation, TYPE MW MIL-W-76C-PVC 1000V 80C

**Technical Specifications**

**Product Overview**

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, (Type MW) MIL-W-76C-Low Temp applications
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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
12	65x30	TC - Tinned Copper	1

Conductor Count:	1
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**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.128 in	0.021 in

**Electrical Characteristics**

**Voltage**

UL Voltage Rating
1000 V RMS

**Temperature Range**

Non-UL Temp Rating:	80°C
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**Mechanical Characteristics**

Bulk Cable Weight:	24 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.52 in

**Standards**

Military Compliance:	MIL-W-76C Type MWP
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**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, 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	Put-Up Type	Length	UPC
8527 010100	Black	Reel	100 ft	612825212867
8527 0101000	Black	Reel	1,000 ft	612825212874
8527 006100	Blue, Light	Reel	100 ft	612825212812
8527 0061000	Blue, Light	Reel	1,000 ft	612825212829
8527 0081000	Gray	Reel	1,000 ft	612825212836
8527 005100	Green, Dark	Reel	100 ft	612825212799
8527 0051000	Green, Dark	Reel	1,000 ft	612825212805
8527 003100	Orange	Reel	100 ft	612825212768
8527 0031000	Orange	Reel	1,000 ft	612825212775
8527 002100	Red	Reel	100 ft	612825212744
8527 0021000	Red	Reel	1,000 ft	612825212751
8527 009100	White	Reel	100 ft	612825212843
8527 0091000	White	Reel	1,000 ft	612825212850
8527 0041000	Yellow	Reel	1,000 ft	612825212782

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'. C - CRATE REEL PUT-UP.

## History

Update and Revision:	Revision Number: 0.341 Revision Date: 08-27-2021
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