



**Part Number: 8524**

Lead Wire, #22 Str TC, PVC Ins, TYPE MW MIL-W-76C-PVC 1000V 80C

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, PVC Insulation, TYPE MW MIL-W-76C-PVC 1000V 80C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	22 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.064 in	0.017 in

**Outer Jacket Material**

Material
No Jacket

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR
15 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	9.0 A

**Voltage**

Description	Voltage Rating [V]
Mil-W-76C	1000 V

**Temperature Range**

Non-UL Temp Rating:	80°C
Operating Temp Range:	-40°C To +80°C

**Mechanical Characteristics**

Bulk Cable Weight:	3.6 lbs/1000ft
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**Standards**

UL AWM Style:	N/A
Military Specification:	MIL-W-76C type MWP

## 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):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, 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
8524 010100	Black	612825212379	100 ft	
8524 0101000	Black	612825347873	1,000 ft	P
8524 0131000	Blue, Dark	612825212393	1,000 ft	P
8524 006100	Blue, Light	612825212256	100 ft	
8524 0061000	Blue, Light	612825212263	1,000 ft	P
8524 001100	Brown	612825212119	100 ft	
8524 0011000	Brown	612825212126	1,000 ft	P
8524 008100	Gray	612825212300	100 ft	
8524 0081000	Gray	612825212317	1,000 ft	P
8524 005100	Green, Dark	612825212232	100 ft	
8524 0051000	Green, Dark	612825212249	1,000 ft	P
8524 003100	Orange	612825212171	100 ft	
8524 0031000	Orange	612825212188	1,000 ft	P
8524 002100	Red	612825212157	100 ft	
8524 0021000	Red	612825347866	1,000 ft	P
8524 007100	Violet	612825212287	100 ft	
8524 0071000	Violet	612825212294	1,000 ft	P
8524 009100	White	612825212348	100 ft	
8524 0091000	White	612825212355	1,000 ft	P
8524 004100	Yellow	612825212201	100 ft	
8524 0041000	Yellow	612825212218	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'.
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