



**Product:** [8524](#)

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

[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

#### 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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#### Construction Details

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	22 AWG	7x30	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.064 in (1.6 mm)

Overall Cable Diameter (Nominal):	0.064 in (1.6 mm)
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Max. Current
16 Ohm/1000ft	Single conductor in free air @ 30°C: 9.0 A

##### Voltage

UL Voltage Rating
1000 V RMS

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
80°C	-40°C To +80°C

##### Bend Radius

Stationary Min.	Installation Min.
0.64 in (16 mm)	0.64 in (16 mm)

Max. Pull Tension:	11 lbs (5.0 kg)
Bulk Cable Weight:	4 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Outdoor
Sustainability:	CA Prop 65
Military Compliance:	MIL-W-76C Type MWP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

## History

Update and Revision: Revision Number: 0.477 Revision Date: 01-20-2023

## Part Numbers

### Variants

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

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