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

Construction Details

Conductor

Element	No. of Elements	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)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
16 Ohm/1000ft	Single conductor in free air @ 30ºC: 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: 0.479 Revision Date: 02-03-2025

Part Numbers

Variants

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

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