

Product: 8521

Lead Wire, #16 Str TC, PVC Ins, TYPE MW MIL-W-76C-PVC

Request Sample

Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) 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	16 AWG	26x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.019 in (0.48 mm)	0.098 in (2.5 mm)

Overall Cable Diameter (Nominal):	0.098 in (2.5 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
4.0 Ohm/1000ft	Single conductor in free air @ 30ºC: 22 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.
0.98 in (25 mm)	0.98 in (25 mm)

Max. Pull Tension:	32 lbs (15 kg)
Bulk Cable Weight:	12 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 2012/19/EU (WEEE)

APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.482 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8521 010100	Black	Reel	100 ft	612825211075	
8521 0101000	Black	Reel	1,000 ft	612825211082	P
8521 013100	Blue, Dark	Reel	100 ft	612825211105	
8521 0131000	Blue, Dark	Reel	1,000 ft	612825211112	P
8521 006100	Blue, Light	Reel	100 ft	612825210955	
8521 0061000	Blue, Light	Reel	1,000 ft	612825210962	P
8521 001100	Brown	Reel	100 ft	612825210825	
8521 0011000	Brown	Reel	1,000 ft	612825210832	P
8521 008100	Gray	Reel	100 ft	612825211006	
8521 0081000	Gray	Reel	1,000 ft	612825211013	P
8521 005100	Green, Dark	Reel	100 ft	612825210931	
8521 0051000	Green, Dark	Reel	1,000 ft	612825210948	P
8521 003100	Orange	Reel	100 ft	612825210887	
8521 0031000	Orange	Reel	1,000 ft	612825210894	P
8521 012100	Pink	Reel	100 ft	612825354949	
8521 002100	Red	Reel	100 ft	612825210856	
8521 0021000	Red	Reel	1,000 ft	612825210863	P
8521 011100	Tan	Reel	100 ft		
8521 0111000	Tan	Reel	1,000 ft		P
8521 007100	Violet	Reel	100 ft	612825210979	
8521 0071000	Violet	Reel	1,000 ft	612825210986	P
8521 009100	White	Reel	100 ft	612825211037	
8521 0091000	White	Reel	1,000 ft	612825211044	P
8521 0141000	White, Black Stripe	Reel	1,000 ft	612825211129	A
8521 018100	White, Blue Stripe	Reel	100 ft	612825211150	A
8521 0181000	White, Blue Stripe	Reel	1,000 ft	612825211167	A
8521 0191000	White, Brown Stripe	Reel	1,000 ft	612825211174	A
8521 0211000	White, Gray Stripe	Reel	1,000 ft	612825211198	
8521 0161000	White, Green Stripe	Reel	1,000 ft	612825211143	A
8521 0201000	White, Orange Stripe	Reel	1,000 ft	612825211181	A
8521 0151000	White, Red Stripe	Reel	1,000 ft	612825211136	A
8521 0221000	White, Violet Stripe	Reel	1,000 ft	612825211204	A
8521 0171000	White, Yellow Stripe	Reel	1,000 ft		A
8521 004100	Yellow	Reel	100 ft	612825210917	
8521 0041000	Yellow	Reel	1,000 ft	612825210924	P

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