



Product: [8501](#)

Lead Wire, #18 Str TC, PVC Ins, TYPE B MIL-W-16878/1

Request Sample

Product Description

Low Temp Plastic Lead Wire, 18AWG (7x26) Tinned Copper, PVC Insulation, TYPE B MIL-W-16878/1 600V 105C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, (Type B) MIL-W-16878/1-Low Temp applications
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	18	7x26.5	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.068 in (1.7 mm)

Overall Cable Diameter (Nominal):	0.068 in (1.7 mm)
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Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Bend Radius

Stationary Min.	Installation Min.
0.28 in (7.1 mm)	0.28 in (7.1 mm)

Max. Pull Tension:	22.4 lbs (10.2 kg)
Bulk Cable Weight:	6.5 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Military Compliance:	MIL-W-16878/1
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: 0.439 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8501 010100	Black	Reel	100 ft	612825209362

8501 0101000	Black	Reel	1,000 ft	612825209379
8501 006100	Blue, Light	Reel	100 ft	612825209287
8501 0061000	Blue, Light	Reel	1,000 ft	612825209294
8501 001100	Brown	Reel	100 ft	612825209164
8501 0011000	Brown	Reel	1,000 ft	612825209171
8501 0081000	Gray	Reel	1,000 ft	612825209317
8501 005100	Green, Dark	Reel	100 ft	612825209263
8501 0051000	Green, Dark	Reel	1,000 ft	612825209270
8501 003100	Orange	Reel	100 ft	612825209225
8501 0031000	Orange	Reel	1,000 ft	612825209232
8501 002100	Red	Reel	100 ft	612825209201
8501 0021000	Red	Reel	1,000 ft	612825209218
8501 0071000	Violet	Reel	1,000 ft	612825209300
8501 009100	White	Reel	100 ft	612825209331
8501 0091000	White	Reel	1,000 ft	612825209348
8501 0141000	White, Black Stripe	Reel	1,000 ft	612825209386
8501 0181000	White, Blue Stripe	Reel	1,000 ft	612825209409
8501 0211000	White, Gray Stripe	Reel	1,000 ft	612825209423
8501 0201000	White, Orange Stripe	Reel	1,000 ft	612825209416
8501 0151000	White, Red Stripe	Reel	1,000 ft	612825209393
8501 004100	Yellow	Reel	100 ft	612825209249
8501 0041000	Yellow	Reel	1,000 ft	612825209256

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