



Product: [83000](#)

Lead Wire, #30 Str SPC, TFE Ins, AWM 1213

Request Sample

**Product Description**  
High Temp Plastic Lead Wire, 30AWG (7x38) Silver Plated Copper, TFE Insulation, AWM 1213 105C TYPE E MIL-W-16878/4 600V 200C

**Technical Specifications**

Product Overview

Suitable Applications:	high temperature, inter-connection circuits, internal wiring of computer and electronic equipments, (Type E) MIL-W-16878/4 applications
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	30	7x38	SC - Silvered Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PTFE - Polytetrafluoroethylene	0.01 in (0.25 mm)	0.032 in (0.81 mm)

Overall Cable Diameter (Nominal):	0.032 in (0.81 mm)
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Electrical Characteristics

Electricals

Max. Current
Mil-Std-975M Table 3.16 (single wire): 1.3 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature
105°C

Bend Radius

Stationary Min.	Installation Min.
0.13 in (3.3 mm)	0.13 in (3.3 mm)

Max. Pull Tension:	1.4 lbs (0.64 kg)
Bulk Cable Weight:	1 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 1213
NEMA Compliance:	HP3

Military Compliance:	MIL-W-16878/4
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: 0.452 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
83000 010100	Black	Reel	100 ft	
83000 0101000	Black	Reel	1,000 ft	612825354772
83000 006100	Blue, Light	Reel	100 ft	
83000 0061000	Blue, Light	Reel	1,000 ft	612825354833
83000 001100	Brown	Reel	100 ft	
83000 0011000	Brown	Reel	1,000 ft	612825354765
83000 005100	Green, Dark	Reel	100 ft	
83000 0051000	Green, Dark	Reel	1,000 ft	612825354819
83000 003100	Orange			
83000 0031000	Orange	Reel	1,000 ft	612825354796
83000 002100	Red	Reel	100 ft	
83000 0021000	Red	Reel	1,000 ft	612825354789
83000 007100	Violet	Reel	100 ft	
83000 0071000	Violet	Reel	1,000 ft	612825399155
83000 009100	White	Reel	100 ft	
83000 0091000	White	Reel	1,000 ft	612825354826
83000 004100	Yellow			
83000 0041000	Yellow	Reel	1,000 ft	612825354802

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