



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	No. of Elements	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: 0.454 Revision Date: 02-03-2025
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Part Numbers

Variants

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

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