



Product: [83006](#)

Lead Wire, #22 Str SPC, TFE Ins, AWM 1213

Request Sample

Product Description

High Temp Plastic Lead Wire, 22AWG (19x34) 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	22 AWG	19x34	SC - Silvered Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PTFE - Polytetrafluoroethylene	0.009 in (0.23 mm)	0.050 in (1.3 mm)
Overall Cable Diameter (Nominal): 0.05 in (1.3 mm)		

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
15.75 Ohm/1000ft	Mil-Std-975M Table 3.16 (single wire): 4.5 amps

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
200°C	-70°C To +200°C

Bend Radius

Stationary Min.	Installation Min.
0.56 in (14 mm)	0.56 in (14 mm)
Max. Pull Tension:	8 lbs (3.6 kg)
Bulk Cable Weight:	3 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.481 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
83006 010100	Black	Reel	100 ft	
83006 010500	Black	Reel	500 ft	
83006 0101000	Black	Reel	1,000 ft	612825378365
83006 006500	Blue, Light			
83006 006100	Blue, Light	Reel	100 ft	
83006 0061000	Blue, Light	Reel	1,000 ft	612825399346
83006 001100	Brown	Reel	100 ft	
83006 001500	Brown	Reel	500 ft	
83006 0011000	Brown	Reel	1,000 ft	
83006 008100	Gray	Reel	100 ft	
83006 0081000	Gray	Reel	1,000 ft	612825399360
83006 005100	Green, Dark	Reel	100 ft	612825354437
83006 005500	Green, Dark	Reel	500 ft	
83006 0051000	Green, Dark	Reel	1,000 ft	612825399339
83006 0031000	Orange			
83006 003100	Orange	Reel	100 ft	
83006 002100	Red	Reel	100 ft	612825354420
83006 002500	Red	Reel	500 ft	
83006 0021000	Red	Reel	1,000 ft	612825378358
83006 007100	Violet			
83006 0071000	Violet	Reel	1,000 ft	612825399353
83006 009100	White	Reel	100 ft	
83006 009500	White	Reel	500 ft	
83006 0091000	White	Reel	1,000 ft	612825354048
83006 004100	Yellow	Reel	100 ft	
83006 004500	Yellow	Reel	500 ft	
83006 0041000	Yellow	Reel	1,000 ft	612825399322

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