



Product: [83009](#)

Lead Wire, #18 Str SPC, TFE Ins, AWM 1371

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Product Description

High Temp Plastic Lead Wire, 18AWG (19x30) Silver Plated Copper, TFE Insulation, AWM 1371 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

Size	Stranding	Material
18	19x30	SC - Silvered Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PTFE - Polytetrafluoroethylene	0.011 in (0.28 mm)	0.068 in (1.7 mm)

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

Electricals

Nom. Conductor DCR	Max. Current
5.75 Ohm/1000ft (18.9 Ohm/km)	Mil-Std-975M Table 3.16 (single wire): 9.2 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-70°C To +200°C

Bulk Cable Weight:	8 lbs/1000ft (12 kg/km)
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Standards and Compliance

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	UL AWM Style 1371
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: 0.374 Revision Date: 12-15-2021
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