



**Product:** [83007](#)

Lead Wire, #20 Str SPC, TFE Ins, AWM 1213

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**Product Description**

High Temp Plastic Lead Wire, 20AWG (19x32) 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**

AWG	Stranding	Material
20	19x32	SC - Silvered Copper

**Insulation**

Material	Thickness	Nom. Insulation Diameter
PTFE - Polytetrafluoroethylene	0.009 in (0.23 mm)	0.056 in (1.4 mm)

Cable Diameter (Nominal):	0.058 in (1.5 mm)
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**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Max. Current
9 Ohm/1000ft (30 Ohm/km)	Mil-Std-975M Table 3.16 (single wire): 6.5 A

**Voltage**

UL Voltage Rating
600 V RMS

**Mechanical Characteristics**

**Temperature**

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

Bulk Cable Weight:	5 lbs/1000ft (7.4 kg/km)
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**Standards and Compliance**

Sustainability:	CA Prop 65
Flammability / Fire Resistance:	VW-1
AWM Compliance:	UL AWM Style 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: 0.330 Revision Date: 05-26-2021
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