



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	0.056

Cable Diameter (Nominal):	0.058 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
9 Ohm/1000ft	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

Bend Radius

Stationary Min.
0.24 in

Bulk Cable Weight:	5 lbs/1000ft
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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, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.326 Revision Date: 11-17-2020
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