



REPRESENTATIVE IMAGE

Product: [8502](#)

Lead Wire, #20 Str TC, PVC Ins, TYPE B MIL-W-16878/1

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Product Description

Low Temp Plastic Lead Wire, 20AWG (7x28) Tinned Copper, PVC Insulation, TYPE B MIL-W-16878/1 600V 105C

Technical Specifications

Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, (Type B) MIL-W-16878/1-Low Temp applications
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Construction Details

Conductor

Size	Stranding	Material
20	7x28	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.058 in (1.5 mm)

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

Electricals

Nom. Conductor DCR	Max. Current
9.8 Ohm/1000ft (32 Ohm/km)	Single conductor in free air @ 30°C: 14.0 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

Operating
-40°C To +105°C

Bulk Cable Weight:	4.5 lbs/1000ft (6.7 kg/km)
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Standards and Compliance

Sustainability:	CA Prop 65
Military Compliance:	MIL-W-16878/1
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: 0.373 Revision Date: 12-15-2021
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