



**Product:** [8503](#)

Lead Wire, #22 Str TC, PVC Ins, TYPE B MIL-W-16878/1

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**Product Description**

Low Temp Plastic Lead Wire, 22AWG (7x30) 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**

AWG	Stranding	Material
22	7x30	TC - Tinned Copper

**Insulation**

Material	Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.01 in (0.25 mm)	0.05 in (1.3 mm)

Cable Diameter (Nominal):	0.050 in (1.3 mm)
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**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Max. Current
16.2 Ohm/1000ft (53.1 Ohm/km)	Single conductor in free air @ 30°C: 11.0 A

**Voltage**

UL Voltage Rating
600 V RMS

**Mechanical Characteristics**

**Temperature**

Operating
-40°C To +105°C

Bulk Cable Weight:	3 lbs/1000ft (4.5 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: 0.325 Revision Date: 06-08-2021
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