



REPRESENTATIVE IMAGE

**Product:** [8502](#)

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

Request Sample

## 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

Number of Element	Size	Stranding	Material
1	20 AWG	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)

### 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

Voltage Rating
600 V RMS

### Mechanical Characteristics

#### Temperature

Operating
-40°C To +105°C

#### Bend Radius

Stationary Min.	Installation Min.
0.24 in (6.1 mm)	0.24 in (6.1 mm)

Bulk Cable Weight: 4 lbs/1000ft

### 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

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