



**Product:** [8522](#)

Lead Wire, #18 Str TC, PVC Ins, TYPE MW MIL-W-76C-PVC

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### Product Description

Low Temp Plastic Lead Wire, 18AWG (16x30) Tinned Copper, PVC Insulation, TYPE MW MIL-W-76C-PVC 1000V 80C

### Technical Specifications

#### Product Overview

Suitable Applications:	inter-connection circuits, internal wiring of computer and electronic equipments, (Type MW) MIL-W-76C-Low Temp applications
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#### Construction Details

##### Conductor

Size	Stranding	Material
18	16x30	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.08 in (2.0 mm)

Overall Cable Diameter (Nominal): 0.08 in (2.0 mm)

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Max. Current
6.5 Ohm/1000ft (21 Ohm/km)	Single conductor in free air @ 30°C: 16 A

##### Voltage

UL Voltage Rating
1000 V RMS

#### Mechanical Characteristics

##### Temperature

Operating
-40°C To +80°C

Bulk Cable Weight: 7 lbs/1000ft (10 kg/km)

#### Standards and Compliance

Sustainability:	CA Prop 65
Military Compliance:	MIL-W-76C Type MWP
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: 0.372 Revision Date: 12-15-2021
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