



Product: [83041](#)

Lead Wire, #32 Str SPC, TFE Ins, AWM 1371

Request Sample

### Product Description

High Temp Plastic Lead Wire, 32AWG (7x40) Silver Plated Copper, TFE Insulation, AWM 1371 105C TYPE ET MIL-W-16878/6 250V 200C

### Technical Specifications

#### Product Overview

Suitable Applications:	high temperature, inter-connection circuits, internal wiring of computer and electronic equipments, (Type ET) MIL-W-16878/6 applications
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
32	7x40	SC - Silvered Copper	1

Conductor Count:	1
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##### Insulation

Material	Nominal Wall Thickness
PTFE - Polytetrafluoroethylene	0.0065 in

#### Electrical Characteristics

##### Voltage

UL Voltage Rating
250 V RMS

#### Temperature Range

Non-UL Temp Rating:	200°C
UL Temp Rating:	105°C

#### Mechanical Characteristics

Bulk Cable Weight:	0.500 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.09 in

#### Standards

UL AWM Style Compliance:	AWM 1371
Military Compliance:	MIL-W-16878/6

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

CA Prop 65:	Yes
MIL Order #39 (China RoHS):	Yes

### Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Related Part Numbers

#### Variants

Item #	Color	Put-Up Type	Length
83041 010100	Black	Reel	100 ft
83041 0101000	Black	Reel	1,000 ft
83041 0061000	Blue, Light	Reel	1,000 ft
83041 007100	Violet	Reel	100 ft
83041 0071000	Violet	Reel	1,000 ft

Footnote:	E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.
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### History

Update and Revision:	Revision Number: 0.358 Revision Date: 05-05-2023
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