



**Product:** [83047](#)

Lead Wire, #24 Str SPC, TFE Ins, AWM 1371

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### Product Description

High Temp Plastic Lead Wire, 24AWG (7x32) 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
24	7x32	SC - Silvered Copper	1

Conductor Count:	1
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##### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PTFE - Polytetrafluoroethylene	0.036 in	0.006 in

#### Electrical Characteristics

##### Current

<b>Max. Recommended Current [A]</b>
Mil-Std-975M Table 3.16 (single wire): 3.3 A

##### Voltage

<b>UL Voltage Rating</b>
250 V RMS

#### Temperature Range

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

#### Mechanical Characteristics

Bulk Cable Weight:	2.4 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.15 in

#### Standards

UL AWM Style Compliance:	AWM 1371
NEMA Compliance:	HP3
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
MII 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	UPC
83047 0101000	Black	Reel	1,000 ft	612825353812
83047 0081000	Gray	Reel	1,000 ft	612825399681
83047 0021000	Red	Reel	1,000 ft	
83047 0091000	White	Reel	1,000 ft	

Footnote: E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'. S - STRIPING ADDERS FOR TYPES E AND EE: 1, 2, 3 STRIPES. MINIMUM ORDER 10,000' PER STRIPE COMBINATION. (SEE STRIPING ADDER TABLE)

## History

Update and Revision:	Revision Number: 0.360 Revision Date: 05-05-2023
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