



Product: [83049](#)

Lead Wire, #22 Str SPC, TFE Ins, AWM 1371 105C TYPE ET

[Request Sample](#)

Product Description

High Temp Plastic Lead Wire, 22AWG (7x30) Silver Plated Copper, TFE Insulation, AWM 1371 105C TYPE ET MIL-W-16878/6 250V 200C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	SC - Silvered Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PTFE - Polytetrafluoroethylene	0.042 in	0.006 in

Electrical Characteristics

Current

Max. Recommended Current [A]
4.5 A

Voltage

Non-UL Voltage Rating
250 V

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	3 lbs/1000ft
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Standards

UL AWM Style:	1371
Military Specification:	NEMA HP3, 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
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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Part Number

Variants

Item #	Color	UPC	Length	Footnote
83049 010100	Black		100 ft	E
83049 0101000	Black	612825354925	1,000 ft	E S
83049 006100	Blue, Light		100 ft	E
83049 0061000	Blue, Light		1,000 ft	E S
83049 001100	Brown		100 ft	E
83049 0011000	Brown			E S
83049 0081000	Gray	612825399698	1,000 ft	E S
83049 008100	Gray			E
83049 005100	Green, Dark			E
83049 003100	Orange		100 ft	E
83049 0031000	Orange		1,000 ft	E S
83049 002100	Red		100 ft	E
83049 0021000	Red	612825353836	1,000 ft	E S
83049 007100	Violet		100 ft	E
83049 009100	White		100 ft	E
83049 0091000	White	612825399704	1,000 ft	E S
83049 004100	Yellow		100 ft	E
83049 0041000	Yellow		1,000 ft	E S

Footnote:	E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.
Footnote:	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: 0.262 Revision Date: 04-08-2020
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