



Part Number: 83045

Lead Wire, #28 Str SPC, TFE Ins, AWM 1371 105C TYPE ET

[Request Sample](#)

Product Description

High Temp Plastic Lead Wire, 28AWG (7x36) 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
28	7x36	SCC - Silver-coated Copper	1

Conductor Count:	1
Conductor Size:	28 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.027 in	0.006 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Current

Max. Recommended Current [A]
1.8 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:	1 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
CA Prop 65 (CJ for Wire & Cable):	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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Part Number

Variants

Item #	Color	UPC	Length	Footnote
83045 010100	Black		100 ft	E
83045 0061000	Blue, Light		1,000 ft	E S
83045 001100	Brown		100 ft	E
83045 0011000	Brown		1,000 ft	E S
83045 005100	Green, Dark		100 ft	E
83045 0051000	Green, Dark			E S
83045 002100	Red		100 ft	E
83045 0021000	Red	612825399650	1,000 ft	E S
83045 009100	White		100 ft	E

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)

Product Notes

Notes:	Teflon® is a DuPont trademark.
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