



Product: [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	

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
MIL Order #39 (China RoHS):	Yes

Flammability, LS0H, 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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History

Update and Revision:	Revision Number: 0.259 Revision Date: 12-19-2019
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