



Part Number: 83000

Lead Wire, #30 Str SPC, TFE Ins, AWM 1213 105C TYPE E

[Request Sample](#)

Product Description

High Temp Plastic Lead Wire, 30AWG (7x38) Silver Plated Copper, TFE Insulation, AWM 1213 105C TYPE E MIL-W-16878/4 600V 200C

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
30	7x38	SCC - Silver-coated Copper	1

Conductor Count:	1
Conductor Size:	30 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.032 in	0.01 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Current

Max. Recommended Current [A]
1.3 A

Voltage

Voltage Rating [V]
600 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:	1213
Military Specification:	NEMA HP3, MIL-W-16878/4

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	Footnote
83000 010100	Black	E
83000 0101000	Black	E S
83000 006100	Blue, Light	E
83000 0061000	Blue, Light	E S
83000 001100	Brown	E
83000 0011000	Brown	E S
83000 005100	Green, Dark	E
83000 0051000	Green, Dark	E S
83000 0031000	Orange	E S
83000 003100	Orange	E
83000 002100	Red	E
83000 0021000	Red	E S
83000 007100	Violet	E
83000 0071000	Violet	E S
83000 009100	White	E
83000 0091000	White	E S
83000 0041000	Yellow	E S
83000 004100	Yellow	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)

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