



**Product:** [83025](#)

Lead Wire, #22 Str SPC, TFE Ins, AWM 1180 300V 200C TYPE EE

[Request Sample](#)

**Product Description**

High Temp Plastic Lead Wire, 22AWG (7x30) Silver Plated Copper, TFE Insulation, AWM 1180 300V 200C TYPE EE MIL-W-16878/5 1000V 200C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
22	7x30	SCC - Silver-coated Copper	1

Conductor Count: 1

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.06 in	0.015 in

**Outer Jacket Material**

Material
No Jacket

**Electrical Characteristics**

**Current**

Max. Recommended Current [A]
4.5 A

**Voltage**

Non-UL Voltage Rating	UL Voltage Rating
1000 V	300 V

**Temperature Range**

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

**Mechanical Characteristics**

Bulk Cable Weight:	4.3 lbs/1000ft
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**Standards**

UL AWM Style:	1180
Military Specification:	NEMA HP3, MIL-W-16878/5

**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, LS0H, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	UPC	Length	Footnote
83025 010100	Black	612825354741	100 ft	E
83025 0101000	Black	612825399483	1,000 ft	E S
83025 0061000	Blue, Light	612825353775	1,000 ft	E S
83025 006100	Blue, Light			E
83025 001100	Brown		100 ft	E
83025 0011000	Brown	612825399476		E S
83025 005100	Green, Dark		100 ft	E
83025 0051000	Green, Dark			E S
83025 003100	Orange		100 ft	E
83025 0031000	Orange		1,000 ft	E S
83025 0021000	Red	612825354734	1,000 ft	E S
83025 002100	Red	612825353843		E
83025 0071000	Violet			E S
83025 009100	White	612825353768	100 ft	E
83025 0091000	White	612825353751	1,000 ft	E S
83025 004100	Yellow		100 ft	E
83025 0041000	Yellow			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: 0.260 Revision Date: 12-19-2019
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