



Part Number: 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
Conductor Size:			22 AWG

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)

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