Product: 83025 ⧉

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

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⠿ Request Sample

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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	SC - Silvered Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PTFE - Polytetrafluoroethylene	0.06 in	0.015 in

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

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
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

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
83025 010100	Black	Reel	100 ft	612825354741
83025 0101000	Black	Reel	1,000 ft	612825399483
83025 006100	Blue, Light			
83025 0061000	Blue, Light	Reel	1,000 ft	612825353775
83025 0011000	Brown			612825399476
83025 001100	Brown	Reel	100 ft	
83025 0051000	Green, Dark			
83025 005100	Green, Dark	Reel	100 ft	
83025 003100	Orange	Reel	100 ft	
83025 0031000	Orange	Reel	1,000 ft	
83025 002100	Red			612825353843
83025 0021000	Red	Reel	1,000 ft	612825354734
83025 0071000	Violet			
83025 009100	White	Reel	100 ft	612825353768
83025 0091000	White	Reel	1,000 ft	612825353751
83025 0041000	Yellow			
83025 004100	Yellow	Reel	100 ft	

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: 0.269 Revision Date: 04-28-2020

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable](#):

  83025 0071000 83025 0061000 83025 0051000 83025 0041000 83025 0091000 83025 007100 83025 009100 83025 001100 83025 004100 83025 002100 83025 006100 83025 005100 83025 003100 83025 013100 83025 010100 83025 0021000 83025 0031000 83025 0101000 83025 0011000