



Part Number: 83025

Hook-Up/Lead Wire UL AWM Style 1180, (1) 22 AWG (7x30) SPC, TFE, 300V, 200°C

Product Description

One 22 AWG stranded (7x30) silver plated copper conductor, TFE insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	SPC - Silver Plated Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	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
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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
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Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
83025 010100	BLACK
83025 0101000	BLACK
83025 0061000	BLUE, LIGHT
83025 006100	BLUE, LIGHT
83025 001100	BROWN
83025 0011000	BROWN
83025 005100	GREEN, DARK
83025 0051000	GREEN, DARK
83025 003100	ORANGE
83025 0031000	ORANGE
83025 0021000	RED
83025 002100	RED
83025 0071000	VIOLET
83025 009100	WHITE
83025 0091000	WHITE
83025 004100	YELLOW
83025 0041000	YELLOW

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