

Part Number: 83009

Hook-Up/Lead Wire UL AWM Style 1371, (1) 18 AWG  
(19x30) SPC, TFE, 105°C

## Product Description

One 18 AWG stranded (19x30) silver plated copper conductor, TFE insulation.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
18	19x30	SPC - Silver Plated Copper	1

<b>Total Number of Conductors:</b>	1
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#### Insulation:

Material	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.011 in

#### Outerjacket 1:

Nominal Diameter
0.068 in

### Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
5.75 Ohm/1000ft

#### Current:

Element	Max. Recommended Current [A]
Mil-Std-975M Table 3.16 (single wire)	9.2 amps

## Voltage:

Description	Voltage Rating [VI]
Mil-W-16878/4	600 V RMS

## Use

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## Safety

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UL Flammability:	VW-1
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## Temperature Range

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Operating Temp Range:	-70°C To +200°C
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## Mechanical Characteristics

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## Part Number

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Plenum (Y/N):	No
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## Standards

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CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
MIL Spec Rating:	MIL Spec Rating
Military Specification:	Military Specification
UL Rating:	UL Rating
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

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## Product Variants

Part Number	Color	Put-Up Type	Length
83009 0011000	BROWN	Reel	1000 ft
83009 001100	BROWN	Reel	100 ft
83009 0021000	RED	Reel	1000 ft
83009 002100	RED	Reel	100 ft
83009 002500	RED	Reel	500 ft
83009 0031000	ORANGE	Reel	1000 ft
83009 003100	ORANGE	Reel	100 ft
83009 0041000	YELLOW	Reel	1000 ft
83009 004100	YELLOW	Reel	100 ft
83009 0051000	GREEN, DARK	Reel	1000 ft
83009 005100	GREEN, DARK	Reel	100 ft
83009 0061000	BLUE, LIGHT	Reel	1000 ft
83009 006100	BLUE, LIGHT	Reel	100 ft
83009 007100	VIOLET	Reel	100 ft
83009 008100	GRAY	Reel	100 ft
83009 0091000	WHITE	Reel	1000 ft
83009 009100	WHITE	Reel	100 ft
83009 009500	WHITE	Reel	500 ft
83009 0101000	BLACK	Reel	1000 ft
83009 010100	BLACK	Reel	100 ft

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