



Part Number: 83010

Hook-Up/Lead Wire UL AWM Style 1371, (1) 16 AWG
(19x29) SPC, TFE, 105°C

Product Description

One 16 AWG stranded (19x29) silver plated copper conductor, TFE insulation.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
16	19x29	SPC - Silver Plated Copper	1

Total Number of Conductors:	1
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Insulation:

Material	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.011 in

Outerjacket 1:

Nominal Diameter
0.077 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
4 Ohm/1000ft

Current:

Element	Max. Recommended Current [A]
Mil-Std-975M Table 3.16 (single wire)	13 amps

Voltage:

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

Use

Safety

UL Flammability:	VW-1
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Temperature Range

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

Part Number

Plenum (Y/N):	No
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Standards

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

Product Variants

Part Number	Color	Put-Up Type	Length
83010 0011000	BROWN	Reel	1000 ft
83010 001100	BROWN	Reel	100 ft
83010 001500	BROWN	Reel	500 ft
83010 0021000	RED	Reel	1000 ft
83010 002100	RED	Reel	100 ft
83010 002500	RED	Reel	500 ft
83010 0031000	ORANGE	Reel	1000 ft
83010 003100	ORANGE	Reel	100 ft
83010 003500	ORANGE	Reel	500 ft
83010 0041000	YELLOW	Reel	1000 ft
83010 004100	YELLOW	Reel	100 ft
83010 004500	YELLOW	Reel	500 ft
83010 0051000	GREEN, DARK	Reel	1000 ft
83010 005100	GREEN, DARK	Reel	100 ft
83010 005500	GREEN, DARK	Reel	500 ft
83010 0061000	BLUE, LIGHT	Reel	1000 ft
83010 006100	BLUE, LIGHT	Reel	100 ft
83010 007100	VIOLET	Reel	100 ft
83010 007500	VIOLET	Reel	500 ft
83010 0081000	GRAY	Reel	1000 ft
83010 008100	GRAY	Reel	100 ft
83010 0091000	WHITE	Reel	1000 ft
83010 009100	WHITE	Reel	100 ft
83010 0101000	BLACK	Reel	1000 ft
83010 010100	BLACK	Reel	100 ft
83010 010500	BLACK	Reel	500 ft

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