



Part Number: 83003

Hook-Up/Lead Wire UL AWM Style 1213, (1) 24 AWG (19x36) SPC, TFE, 105°C

Product Description

One 24 AWG stranded (19x36) silver plated copper conductor, TFE insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
24	19x36	SPC - Silver Plated Copper	1

Conductor Count:	1
AWG Size:	24

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
TFE - Tetrafluoroethylene	0.044 in	0.01 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
24 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Mil-Std-975M Table 3.16 (single wire)	3.3 amps

Voltage

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

Temperature Range

Non-UL Temp Rating:	200°C
UL Temp Rating:	105°C
Operating Temp Range:	-70°C To +200°C

Mechanical Characteristics

Bulk Cable Weight:	2 lbs/1000ft
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Standards

UL AWM Style:	1213
Military Specification:	MIL-W-16878/4 (Except For Stranding)

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, LSOH, Toxicity Testing

UL Flammability:	VW-1
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Part Number

Plenum (Y/N):	No
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Variants

Item #	Color	Footnote
83003 010100	BLACK	E
83003 0101000	BLACK	E S
83003 010500	BLACK	E S
83003 006100	BLUE, LIGHT	E
83003 0061000	BLUE, LIGHT	E S
83003 006500	BLUE, LIGHT	E S
83003 001100	BROWN	E
83003 0011000	BROWN	E
83003 008100	GRAY	E
83003 0081000	GRAY	E S
83003 005100	GREEN, DARK	E
83003 0051000	GREEN, DARK	E S
83003 005500	GREEN, DARK	
83003 003100	ORANGE	E
83003 0031000	ORANGE	E S
83003 003500	ORANGE	E S
83003 002100	RED	E
83003 0021000	RED	
83003 002500	RED	E S
83003 007100	VIOLET	E
83003 0071000	VIOLET	E S
83003 009100	WHITE	E
83003 0091000	WHITE	E S
83003 009500	WHITE	E S
83003 004100	YELLOW	E
83003 0041000	YELLOW	E S
83003 004500	YELLOW	

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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