



Part Number: 9975

Hook-Up/ Lead Wire, UL AWM Style 1061, (1) 24 AWG Solid TC, PVC, 300V RMS, 80°C

Product Description

One 24 AWG solid tinned copper conductor, PVC insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
24	Solid	TC - Tinned Copper	1
Conductor Count:		1	
Conductor Size:		24 AWG	

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.04 in	0.01 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
24.25 Ohm/1000ft	
Shielding:	Unshielded

Current	
Element	Max. Recommended Current [A]
Single conductor @ 25C ambient (35C temperature rise)	3.5 A

Voltage	
UL Voltage Rating	
300 V RMS	

Temperature Range

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	2 lbs/1000ft
Min Bend Radius/Minor Axis:	0.313 in

Standards

UL Rating:	300V RMS, 80°C
UL AWM Style:	N/A

CSA Rating:	300V RMS, 80°C
CSA Type:	AWM I, A/B
Military Specification:	N/A

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):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MIL Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
9975 010100	Black	
9975 0101000	Black	P
9975 0105000	Black	P
9975 0131000	Blue, Dark	P
9975 0011000	Brown	P
9975 0081000	Gray	P
9975 0051000	Green, Dark	P
9975 0031000	Orange	P
9975 002100	Red	
9975 0021000	Red	P
9975 0025000	Red	P
9975 0071000	Violet	P
9975 0091000	White	P
9975 0041000	Yellow	P

Footnote:	P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'.
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