

Part Number: 9906



Hook- Up/ Lead Wire UL AWM Styles 1283 & 1015, (1) 6 AWG (133x27) TC, PVC, 600V, 105°C

[🛒 Request Sample](#)

Product Description

One 6 AWG stranded (133x27) tinned copper conductor, PVC insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
6	133x27	TC - Tinned Copper	1	6

Conductor Count:	1
Conductor Size:	6 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.331 in	0.06 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.38 Ohm/1000ft

Shielding:	Unshielded
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Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	121.0 A

Voltage

Non-UL Voltage Rating	UL Voltage Rating
600 V	600 V

Temperature Range

Non-UL Temp Rating:	105°C
UL Temp Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	117 lbs/1000ft
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Standards

UL Rating:	600V, 105°C
UL AWM Style:	MTW or THW or 1015/1232/1283
CSA Rating:	600V, 105°C
CSA AWM Specification:	TEW or AWM I A/B

CSA Type:	TEW or 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):	2005-07-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
9906 010100	Black	C
9906 0101000	Black	C
9906 013100	Blue, Dark	C
9906 001100	Brown	
9906 0011000	Brown	
9906 0081000	Gray	
9906 005100	Green, Dark	C
9906 0051000	Green, Dark	C
9906 002100	Red	C
9906 0021000	Red	C
9906 009100	White	C
9906 0091000	White	
9906 004100	Yellow	

Footnote:	C - CRATE REEL PUT-UP.
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