



**Part Number: 31512**

Hook-Up/Lead Wire UL AWM Style 3046, (1) 12 AWG (65x30) TC, Neoprene, 600V, 90°C

[Request Sample](#)

## Product Description

One 12 AWG stranded (65x30) tinned copper conductor, Neoprene insulation.

## Technical Specifications

### Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
12	65x30	TC - Tinned Copper	1
Conductor Count:			1
Conductor Size:			12 AWG

Insulation	
Material	Nominal Wall Thickness
Neoprene	0.0485 in

Outer Jacket Material	
Material	Nominal Diameter
No Jacket	0.19 in

### Electrical Characteristics

Shielding:	Unshielded
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Voltage
UL Voltage Rating
600 V

### Temperature Range

Non-UL Temp Rating:	90°C
UL Temp Rating:	90°C

### Mechanical Characteristics

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
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### Standards

UL AWM Style:	3046
CSA Rating:	600 V, 90°C
CSA Type:	CL903
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 RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL voltage rating:	600 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Footnote
31512 010250	Black	F
31512 0103000	Black	C I U

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE)

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