

**Part Number:** 31518

Hook-Up/Lead Wire UL AWM Style 3044, (1) 18 AWG  
(16x30) TC, Neoprene, 300V, 90°C

## Product Description

One 18 AWG stranded (16x30) tinned copper conductor, Neoprene insulation.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	1

Total Number of Conductors:	1
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#### Insulation:

Material Trade Name	Min. Average Wall Thickness
Neoprene	0.03 in

#### Stranding:

Lay Length
AWM 3044 mm

#### Outerjacket 1:

Nominal Diameter
0.109 in

### Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
6 Ohm/1000ft

Current:

Element	Max. Recommended Current [A]
Single Conductor in Free Air @ 30C Ambient	18 amps

Voltage:

UL Description	UL Voltage Rating
UL AWM 3044	300 VRMS

Use

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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Safety

Other Flammability:	UL Horizontal Flame
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Temperature Range

Operating Temp Range:	-30°C To +90°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)
CSA Rating:	CSA Rating
CSA Type:	CSA Type
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
UL Rating:	UL Rating
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

# Product Variants

Part Number	Color	Put-Up Type	Length
31518 0015000	BROWN	Reel	5000 ft
31518 0025000	RED	Reel	5000 ft
31518 0045000	YELLOW	Reel	5000 ft
31518 0055000	GREEN, DARK	Reel	5000 ft
31518 005500	GREEN, DARK	Reel	500 ft
31518 0062000	BLUE, LIGHT	Reel	2000 ft
31518 0065000	BLUE, LIGHT	Reel	5000 ft
31518 0095000	WHITE	Reel	5000 ft
31518 0102000	BLACK	Reel	2000 ft
31518 0105000	BLACK	Reel	5000 ft
31518 010500	BLACK	Reel	500 ft

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