

1	Product: <u>31506</u> ⊠
	Lead Wire, #6 Str TC, Neoprene Ins, AWM 3048
	11 Request Sample

## **Product Description**

Low Temp Rubber Lead Wire, 6AWG (84x25) Tinned Copper, Neoprene Insulation, AWM 3048 600V 90C

## **Technical Specifications**

## Product Overview

Suitable Appli	cations:	inter	nal wiring of	appliances, oil resista			
Constructi	Construction Details						
Conductor	Conductor						
Element	No. of Elements	Size	Stranding	Material			
Conductor(s)	1	6 AWG	84x25	TC - Tinned Copper			
Insulation	nsulation						
Material No	om. Thickness	Nom. Insi	Ilation Diam	eter			
Neoprene 0.0	063 in (1.6 mm)	).343 in (8	8.71 mm)				
Overall Cable	Overall Cable Diameter (Nominal): 0.343 in (8.71 mm)						

## **Electrical Characteristics**

Electricals	
Nom. Conductor DCR	Max. Current
0.446 Ohm/1000ft 120 Am	ps per Conductor at 30°C
Voltage	
UL Voltage Rating	
600 V (AWM 3048)	
Mechanical Characterist	ics
<b>T</b>	
Temperature	
UL Temperature Operating 90°C -30°C to +90°C	
90°C -30°C to +90°	J
Bend Radius	
Stationary Min. Installation	Min.
3.43 in (87.1 mm) 3.43 in (87.1 m	mm)
Max. Pull Tension:	304 lbs (138 kg)
Recommended Max Baking Cycle	es: 24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
Bulk Cable Weight:	127 lbs/1000ft
Standards and Complia	nce
Environmental Suitability:	Indoor, Outdoor

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Sustainability:	CA Prop 65			
Flammability / Reaction to Fire:	Horizontal flame			

AWM Compliance:	AWM 3048
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Product Notes	
Notes:	Recommended Maximum Baking Cycles: 24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
History	
Update and Revision:	Revision Number: 0.474 Revision Date: 01-20-2023
Part Numbers	

Item #	Color	Putup Type	Length	UPC	Footnote
31506 010500	Black	Reel	500 ft	612825142119	CF

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