



Product: [31508](#)

Lead Wire, #8 Str TC, Neoprene Ins, AWM 3048

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Product Description

Low Temp Rubber Lead Wire, 8AWG (84x27) Tinned Copper, Neoprene Insulation, AWM 3048 600V 90C

Technical Specifications

Construction Details

Conductor

Size	Stranding	Material
8	84x27	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
Neoprene	0.062 in (1.6 mm)	0.285 in (7.24 mm)

Overall Cable Diameter (Nominal): 0.285 in (7.24 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.64 Ohm/1000ft (2.1 Ohm/km)	Single conductor in free air @ 30°C: 80 A

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C	-30°C To +90°C

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

Bulk Cable Weight: 85 lbs/1000ft (130 kg/km)

Standards and Compliance

Sustainability:	CA Prop 65, Product Lens™
AWM Compliance:	UL AWM Style 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)

Product Notes

Notes:	Separator Material over Conductor: Y, Recommended Maximum Baking Cycles: 24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
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History

Update and Revision:	Revision Number: 0.379 Revision Date: 12-15-2021
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