



Product: [33312](#)

Lead Wire, #12 Str TC, Silicone Ins, AWM 3212

Request Sample

Product Description

Low Temp Rubber Lead Wire, 12AWG (65x30) Tinned Copper, Silicone Insulation, AWM 3212 CSA TYPE AWM 600V 150C

Technical Specifications

Product Overview

Suitable Applications:	Class 155(F) or Class 180(H) motor lead systems , high temperature applications, internal wiring of lighting fixtures and appliances
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Physical Characteristics (Overall)

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

Insulation	
Material	Nominal Wall Thickness
Silicone Rubber	0.048 in

Electrical Characteristics

Voltage	
UL Voltage Rating	
600 V RMS	

Temperature Range

Non-UL Temp Rating:	150°C
UL Temp Rating:	150°C

Mechanical Characteristics

Recommended Max Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	20 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.76 in

Standards

UL AWM Style Compliance:	AWM 3212
CSA Rating:	600 V, 150°C
CSA AWM Compliance:	CSA AWM I B
CSA Type:	AWM

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes

EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
33312 010500	Black	Reel	500 ft	612825143420
33312 009500	White	Reel	500 ft	612825143413

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. C - CRATE REEL PUT-UP.
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Product Notes

Notes:	Recommended Maximum Baking Cycles: 24 hours @ 410°F (210°C)
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History

Update and Revision:	Revision Number: 0.366 Revision Date: 02-03-2025
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