



**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
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**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: 0.358 Revision Date: 12-15-2021
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