



**Product:** [37118](#)

Lead Wire, #18 Str TC, EPDM Ins, AWM 3340 AWM 3374

[Request Sample](#)

**Product Description**

Rubber Lead Wire, 18AWG (16x30) Tinned Copper, EPDM Insulation, AWM 3340 AWM 3374 CSA TYPE CL1254 600V 125C FLEX 150C NO FLEX

**Technical Specifications**

**Product Overview**

Suitable Applications:	Class 130(B), 155(F) and also in some 180(H) motor lead systems, high temperature, internal wiring of appliances
------------------------	--

**Physical Characteristics (Overall)**

**Conductor**

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

Conductor Count:	1
------------------	---

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
EPDM - Ethylene Propylene Diene Monomer	0.141 in	0.048 in	0.045 in

**Electrical Characteristics**

**Conductor DCR**

<b>Nominal Conductor DCR</b>
6.5 Ohm/1000ft

**Current**

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	Single conductor in free air @ 30°C: 24 A

**Voltage**

<b>UL Voltage Rating</b>
600 V RMS

**Temperature Range**

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

**Mechanical Characteristics**

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 4 Hours @ 375°F (190°C)
Bulk Cable Weight:	12.75 lbs/1000ft
Min Bend Radius/Minor Axis:	0.57 in

**Standards**

UL AWM Style Compliance:	UL AWM Styles 3340, 3374
CSA Rating:	600 V, 125°C
CSA Type:	CL1254

## 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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LS0H, Toxicity Testing

UL voltage rating:	600 V RMS
--------------------	-----------

## Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
37118 010500	Black	Reel	500 ft	612825147053
37118 0105000	Black	Reel	5,000 ft	612825147060
37118 0135000	Blue, Dark	Reel	5,000 ft	612825147077
37118 005500	Green, Dark	Reel	500 ft	612825147022
37118 002500	Red	Reel	500 ft	612825147008
37118 0025000	Red	Reel	5,000 ft	612825147015
37118 009500	White	Reel	500 ft	612825147039
37118 0095000	White	Reel	5,000 ft	612825147046

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
Footnote:	C - CRATE REEL PUT-UP.
Footnote:	I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'.
Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

## History

Update and Revision:	Revision Number: 0.307 Revision Date: 11-17-2020
----------------------	--

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.