



**Product:** [32412](#)

Lead Wire, #12 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3074

[Request Sample](#)

**Product Description**

Rubber Lead Wire, 12AWG (19x24H) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3074 CSA SEW-2 600V 200C

**Technical Specifications**

**Product Overview**

Suitable Applications:	Class 130(B), 155(F) or 180(H) insulation systems, internal wiring of lighting fixtures and appliances, high temperature applications
------------------------	---

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
12	19x24.5	TC - Tinned Copper	1

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

**Insulation**

Material	Nominal Wall Thickness
Silicone Rubber	0.03 in

**Outer Jacket**

Material	Nominal Diameter
Lacquered Glass Braid Covering	0.19 in

**Electrical Characteristics**

**Voltage**

UL Voltage Rating
600 V RMS

**Temperature Range**

Non-UL Temp Rating:	200°C
UL Temp Rating:	200°C

**Mechanical Characteristics**

Recommended Max Baking Cycles:	24 Hours @ 410°F (210°C)
Bulk Cable Weight:	25 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.76 in

**Standards**

UL AWM Style Compliance:	UL AWM Style 3074
CSA Rating:	600 V, 200°C
CSA Type:	SEW-2

**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)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL Flammability:	Horizontal
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

## Plenum/Non-Plenum

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

## Part Number

### Variants

Item #	Color	Put-Up Type	Length	UPC
32412 010500	Black	Reel	500 ft	612825142713
32412 009500	White	Reel	500 ft	612825142706

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
-----------	--

## Product Notes

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

## History

Update and Revision:	Revision Number: 0.368 Revision Date: 12-15-2021
----------------------	--

© 2022 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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Hook-up Wire](#) category:*

*Click to view products by [Belden](#) manufacturer:*

Other Similar products are found below :

[8918-BRN-1000](#) [8920-DK-BLU-1000](#) [CR6328-000](#) [01776.38.01](#) [M22759/16-14-5-500FT](#) [7053-RED-1000](#) [7053-SLATE-1000](#) [F25935-000](#)  
[F60898-000](#) [8055](#) [81044/12-18-9CS3209](#) [82A0811-4-9-G110](#) [83004-ORG-1000](#) [83005-LT-BLU-1000](#) [83025-VIO-1000](#) [8523-RED-100](#)  
[8524-WHT-100](#) [8525-ORG-1000](#) [8530-BLK-1000](#) [8530-LT-BLU-100](#) [8538-009-1000](#) [8597-LT-BLU-100](#) [8898-BLK-100](#) [138498-000](#)  
[E76065-000](#) [EPD50886A-20-9](#) [BFWUL3239-24-PINK](#) [C2015A.12.04](#) [C2015A.12.05](#) [C2015A.12.08](#) [C2015A.12.10](#) [C2015A.12.19](#)  
[C2016A.12.05](#) [C2016A.12.07](#) [C2065A.12.02](#) [C77653-000](#) [220368-001](#) [8916-GRY-500](#) [8918-RED-100](#) [8919-DK-BLU-1000](#) [8919-YEL-100](#)  
[8920-YEL-100](#) [9242833001](#) [933205-000](#) [2841/7-YELLOW-1000](#) [2842/7-ORANGE-100](#) [2842/7-RED-1000](#) [2843/19-BLUE-100](#) [2843/1-](#)  
[YELLOW-100](#) [2843/7-GREEN-100](#)