



Product: [34020](#)

Lead Wire, #20 Str TC, Silicone Ins, AWM 3123

Request Sample

Product Description

Low Temp Rubber Lead Wire, 20AWG (105x40) Tinned Copper, Silicone Insulation, AWM 3123 600V 150C

Technical Specifications

Product Overview

Suitable Applications:	mercury switches, internal wiring of appliances, high temperature applications, flexing applications
------------------------	--

Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
20	105x40	TC - Tinned Copper	1
Conductor Count:			1

Insulation	
Material	Nominal Wall Thickness
Silicone Rubber	0.032 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

Bulk Cable Weight:	8 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.44 in

Standards

UL AWM Style Compliance:	AWM 3123
--------------------------	----------

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, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
34020 0082000	Gray	Reel	2,000 ft	612825143604

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

History

Update and Revision:	Revision Number: 0.369 Revision Date: 05-05-2023
----------------------	--

© 2024 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[34020 0082000](#)