

Part Number: 31508

Hook-Up/Lead Wire UL AWM Style 3048, (1) 8 AWG
(84x27) TC, Neoprene, 600V, 90°C

Product Description

One 8 AWG stranded (84x27) tinned copper conductor, Neoprene insulation.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
8	84x27	TC - Tinned Copper	1

Total Number of Conductors:	1
-----------------------------	---

Insulation:

Material	Nominal Wall Thickness	Min. Average Wall Thickness
Neoprene	0.062 in	0.06 in
Neoprene		

Outerjacket 1:

Nominal Diameter
0.285 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
0.6 Ohm/1000ft

Current:

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	80 amps

Voltage:

UL Description	UL Voltage Rating
UL AWM 3048	600 VRMS

Use

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)
--------------------------------	---

Safety

Temperature Range

Non-UL Temp Rating:	90°C
Operating Temp Range:	-30°C To +90°C

Mechanical Characteristics

Part Number

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

Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
UL Rating:	UL Rating
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

Product Variants

Part Number	Color	Put-Up Type	Length
31508 002500	RED	Reel	500 ft
31508 010500	BLACK	Reel	500 ft

© 2016 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 herein 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 'AS IS' 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.