



Product: [8670](#)

Shielding & Bonding, TC Braid #3.4AWG

[Request Sample](#)

Product Description

Shielding & Bonding, TC Braid 3.4AWG (480x30)

Technical Specifications

Product Overview

Suitable Applications:	for shielding and bonding cable
------------------------	---------------------------------

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material
3.4	480x30	TC - Tinned Copper

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

Construction and Dimensions

Circular Mil Area (CMA)1:	48000
---------------------------	-------

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
0.22 Ohm/1000ft

Current

Max. Recommended Current [A]
Single conductor in free air @ 30°C: 145.0 A

Mechanical Characteristics

Bulk Cable Weight:	165 lbs/1000ft
--------------------	----------------

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 voltage rating:	N/A
--------------------	-----

Plenum/Non-Plenum

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

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
8670 00050	None	Reel	50 ft	612825214007
8670 000250	None	Reel	250 ft	612825213994

Footnote:	C - CRATE REEL PUT-UP., E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.
-----------	--

Product Notes

Notes:	Braided Flattened Width: 0.75 in. AWG value is approximated.
--------	--

History

Update and Revision:	Revision Number: 0.289 Revision Date: 02-03-2025
----------------------	--

© 2026 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.