



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
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material
3.4	480x30	TC - Tinned Copper

Conductor Count:	1
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Construction and Dimensions

Circular Mil Area (CMA)1:	48000
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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
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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
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Plenum/Non-Plenum

Plenum (Y/N):	No
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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'.
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Product Notes

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

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