

277160-1 ✓ ACTIVE

COPALUM

TE Internal #: 277160-1

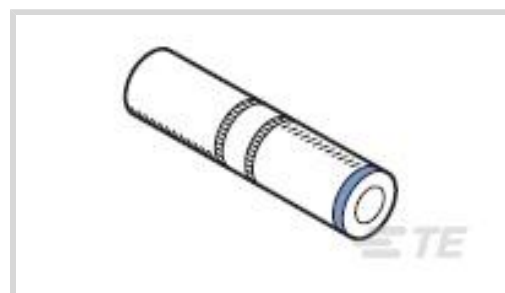
Splices, 2 AWG Wire Size, 34.3 mm² Wire Size, Sealable, 66500

CMA Wire Size, Copper, Butt Splice Splice, Length 69.85 mm [2.75 in], Box, Open

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Terminals & Splices > Splices > COPALUM Sealed: Butt Splices



Wire Size: **66500 CMA**

Sealable: **Yes**

Accepts Wire Insulation Diameter Range: **10.41 mm [.41 in]**

[All COPALUM Sealed: Butt Splices \(11\)](#)

Features

Product Type Features

Splice Accessory Type	Splice
Sealable	Yes
Splice Type	Butt Splice
Serrated	No
Compatible With Discrete Wire Type	Stranded

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Body Features

Weight per Piece	80.97 g
Primary Product Material	Copper

Contact Features

	100 μin
Contact Plating Material	Nickel
Barrel Type	Open

Dimensions

Wire Size	66500 CMA
Accepts Wire Insulation Diameter Range	10.41 mm[.41 in]
Terminal Material Thickness	3.68 mm[145 in]



Overall Product Length 69.85 mm[2.75 in]

Usage Conditions

Insulation Option Uninsulated

Operation/Application

Compatible With Wire Base Material Aluminum, Copper

Packaging Features

Packaging Quantity 25

Packaging Method Box

Other

Comment For Al-Al applications, splices will accept the same wire size at either end. For Al-to-Cu applications, however, the size of the Cu wire must be "stepped down" 2 wire sizes to compen. for the diff. in the elect. properties of Copper and Aluminum.

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU Compliant

EU ELV Directive 2000/53/EC Compliant

China RoHS 2 Directive MIIT Order No 32, 2016 No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006 Current ECHA Candidate List: JUNE 2022 (224)
Candidate List Declared Against: JUL 2021 (219)
Does not contain REACH SVHC

Halogen Content Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on

requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Documents

Product Drawings

[SPLICE, COPALUM, BUTT, 1/0 AL, 2 CU](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_277160-1_L.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_277160-1_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_277160-1_L.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[COPALUM Lite Sealed Terminals and Splices](#)

English

Product Specifications

[Application Specification](#)

English