



COPALUM

TE Internal #: 277161-1
Butt Splice, 1/0 AWG, 53.9 mm² Wire, Sealable, 104500 CMA,
Copper, Length 76.1 mm [3.01 in], Box, Open Barrel, Stranded
Wire, Aluminum / Copper Wire

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Terminals & Splices > Splices > COPALUM Sealed: Butt Splices



Splice Type: **Butt Splice**
Wire Size: **53.9 mm²**
Sealable: **Yes**
Compatible Insulation Diameter Range: **11.9 mm [.47 in]**

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

Features

Body Features

Product Weight	75.98 g
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Packaging Features

Packaging Quantity	25
Packaging Method	Box

Contact Features

	100 μin
Terminal Plating Material	Nickel
Contact Base Material	Copper
Barrel Type	Open

Product Type Features

Splice Accessory Type	Splice
Splice Type	Butt Splice
Sealable	Yes
Compatible With Discrete Wire Type	Stranded

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Dimensions



Wire Size	104500 CMA
Compatible Insulation Diameter Range	11.9 mm[.47 in]
Terminal Material Thickness	2.16 mm[.085 in]
Product Length	76.1 mm[3.01 in]

Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

 TE Part # 314964-1 HYP8/10 COPALUM SEALED 2/0AWG DIE SET	 TE Part # 218099-000 55A8040-000-5D	 TE Part # 68011-1 HYP8/10 COPALUM SEALED 2/0AWG DIE SET	 TE Part # CAT-55PC-AL-HW Hookup Wire: Aluminum Wire, 0-6 AWG
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Customers Also Bought

 TE Part #2-1617088-4 3SAM6015M2 = RELAY	 TE Part #277158-1 SPLICE,COPALUM BUTT 4	 TE Part #1616074-9 SD167A (FAA/PMA)=CONTACTOR SPST 28 VDC 1	 TE Part #193495-000 D-150-0179
 TE Part #277151-2 TERMINAL,COPALUM R 1/0 3/8	 TE Part #323750 DIAMOND GRIP 12-10 HT R 10	 TE Part #324485 SPARE WIRE CAP,RED .080-.115 INS.	 TE Part #1877820-2 Receptacle Assembly, Seal Plugs
 TE Part #C87423-000 DMVF1679YW2-CS7817	 TE Part #ES1509-000 D-150-0250-BCS2903		

Documents

Product Drawings
SPLICE, COPALUM, BUTT, 2/0 AL, 1/0 CU
English

CAD Files
Customer View Model
ENG_CVM_CVM_277161-1_K.2d_dxf.zip
English



3D PDF

3D

Customer View Model

ENG_CVM_CVM_277161-1_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_277161-1_K.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

Instruction Sheets

Instruction Sheet (U.S.)

English