

COPALUM

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

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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Body Features

Product Weight	75.98 g
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Contact Features

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

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]
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Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Packaging Features

Packaging Quantity	25
Packaging Method	Box

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 218099-000
[55A8040-000-5D](#)

TE Part # 314964-1
[HYP8/10 COPALUM SEALED 2/0AWG DIE SET](#)

TE Part # CAT-55PC-AL-HW
[Hookup Wire: Aluminum Wire, 0-6 AWG](#)

TE Part # 68011-1
[HYP8/10 COPALUM SEALED 2/0AWG DIE SET](#)

Customers Also Bought

TE Part #052433-000
[D-150-0176](#)

TE Part #151640-000
[MTCPOKT1P2PFDC](#)

TE Part #277148-4
[TERMINAL,COPALUM R 6 3/8](#)

TE Part #277151-2
[TERMINAL,COPALUM R 1/0 3/8](#)

TE Part #1616008-5
[BH316A \(FAA/PMA\)=RELAY](#)

TE Part #277158-1
[SPLICE,COPALUM BUTT 4](#)

TE Part #682035-000
[D-150-0177](#)

TE Part #EJ3526-000
[S200-5-55-18-9CS2904](#)

TE Part #1877820-2
[Receptacle Assembly, Seal Plugs](#)

TE Part #650073N007
[D-436-43CS2908](#)

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