

277157-1 ✓ ACTIVE

## COPALUM

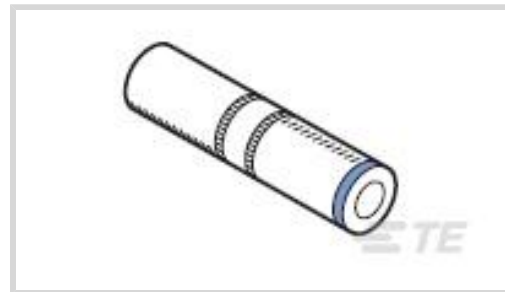
TE Internal #: 277157-1

Splices, Butt Splice, 8 AWG Wire Size, 8.8 mm<sup>2</sup> Wire Size, Sealable, 16983 CMA Wire Size, Copper, Length 1.84 in [46.74 mm], Box, Open, Stranded Wire

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Terminals & Splices > Splices > COPALUM Sealed: Butt Splices



Wire Size: 16983 CMA

Sealable: Yes

Compatible Insulation Diameter Range: 5.84 mm [ .23 in ]

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

### Features

#### Product Type Features

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

#### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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#### Body Features

Product Weight	19.59 g
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#### Contact Features

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

#### Dimensions

Wire Size	16983 CMA
Compatible Insulation Diameter Range	5.84 mm[.23 in]
Terminal Material Thickness	1.65 mm[.065 in]
Product Length	46.74 mm[1.84 in]



### 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

### Other

Terminals & Splices Comment	For Al-Al applications, splices will accept the same wire size at either end. For Al-to-Cu applications, the Cu wire size must be "stepped down" 2 wire sizes.
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### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1490556-1  
HYP10 COPALUM SEALED 6AWG DIE SET



TE Part # 68007  
HYP8/10 COPALUM SEALED 6AWG DIE SET

## Customers Also Bought



TE Part #EL7665-000  
TMS-CT-50M-1/2-OUT-9



TE Part #CS5526-000  
S200-1-01



TE Part #277158-1  
SPLICE,COPALUM BUTT 4



TE Part #2209350001  
HT-SCE-1K-3/4-2.0-9




TE Part #193495-000  
D-150-0179




TE Part #277148-4  
TERMINAL,COPALUM R 6 3/8



TE Part #A77145-000  
S200-3-01



TE Part #ZPF000000000139628  
797-8001-01



TE Part #ZPF000000000139452  
182-0865-10



TE Part #CW7951-000  
D-200-0244-RT-CS4049

## Documents

### Product Drawings

[SPLICE,COPALUM BUTT 6](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_277157-1\\_H.2d\\_dxf.zip](#)

English



### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_277157-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_277157-1\\_H.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