



Connectors &gt; High Speed Pluggable IO Connectors &amp; Cages

Pluggable I/O Product Type: **Cage Assembly**Sealable: **No**Circuit Application: **Signal**Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**Data Rate (Max): **16 Gb/s**

## Features

### Product Type Features

Cage Type	Ganged
Pluggable I/O Product Type	Cage Assembly
Sealable	No
Form Factor	SFP+

### Configuration Features

Lightpipe Style	Standard
Number of Ports	4
Port Matrix Configuration	1 x 4

### Electrical Characteristics

Data Rate (Max)	16 Gb/s
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### Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.05 mm[.081 in]

### Housing Features

Cage Material	Nickel Silver
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### Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Pluggable I/O Applications	SFP+
Heat Sink Compatible	No
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Tray
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### Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs

### 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 2142970-7  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 6M



TE Part # CAT-C11-N4901114  
SFP28 to SFP28 Cable Assembly: 30 AWG



TE Part # 4-2821222-5  
SFP56 DIRECT ATTACH CA, 2M, 30AWG



TE Part # CAT-C11-N490325  
QSFP28-Four SFP+ Cable Assembly: 26 AWG



TE Part # CAT-C11-N490333  
QSFP28-Four SFP+ Cable Assembly: 30 AWG



TE Part # 2142970-3  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 2M



TE Part # CAT-Q17-N490333  
QSFP56-Four SFP56 Cable Assembly: 26 AWG



TE Part # CAT-C11-H5062  
SFP+ to SFP+ I/O Cable Assembly: 28 AWG



TE Part # 2142970-2  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M



TE Part # 2142970-4  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M



TE Part # 2334985-2  
SFP28 DIRECT ATTACH CA, 1M, 32AWG



TE Part # CAT-Q17-N49011  
QSFP56-Four SFP56 Cable Assembly: 30 AWG



TE Part # 4-2821224-5  
SFP56 DIRECT ATTACH CA, 3M, 26AWG



TE Part # CAT-C11-N49011  
SFP28 to SFP28 Cable Assembly: 26 AWG



TE Part # 2821033-8  
QSFP TO [4]SFP+, 28G, 1M, 33AWG



TE Part # 2142970-6  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 5M



TE Part # 2142970-5  
CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M



TE Part # CAT-C11-H506  
SFP+ to SFP+ I/O Cable Assembly: 26 AWG



TE Part # 4-2334985-2  
SFP56 DIRECT ATTACH CA, 1M, 32AWG



TE Part # CAT-C11-H50626  
SFP+ to SFP+ I/O Cable Assembly: 30 AWG

## Customers Also Bought



TE Part #1-1393243-1  
RTE24048



TE Part #3-1478978-1  
SMA R/A PCB SKT GB



TE Part #3-1623929-0  
CFR200 5% 33K



TE Part #1676435-2  
RN 0805 7K15 0.1% 10PPM 1KRL



TE Part #2-1761465-2  
PCI Express RA assy 5.8mm slot 2.3 mm pc



TE Part #2-1879378-3  
TLR 2512 3.0W R0015 1% 50PPM 2K RL



TE Part #CAT-SF59-C76264  
SFP Connectors



TE Part #2110742-1  
SFP+ 1x6 Cage and Light Pipe Assy



TE Part #6-2176367-5  
RQ 0603 21K5 0.1% 10PPM 1K RL

## Documents

### Product Drawings

[SFP+ 1x4 w/ Ultra Low Profile LP](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2170030-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2170030-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2170030-1\\_A.3d\\_stp.zip](#)

English

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

## Product Specifications

2170030-1

SFP+, Cage Assembly, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °  
F], Data Rate (Max) 16 Gb/s, 4 Ports



## Product Specification

English