2198233-4 - ACTIVE

TE Internal #: 2198233-4 SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, SFP+ Enhanced, With Lightpipe, 1 x 4, Dual Round

View on TE.com >



Connectors > Pluggable IO Connectors & Cages > SFP, SFP+ & zSFP+



Pluggable I/O Product Type: Cage Assembly

Data Rate (Max): 16 Gb/s

EMI Containment Feature Type: Internal/External EMI Springs

Pluggable I/O Applications: SFP+ Enhanced

Lightpipe Options: With Lightpipe

Features

Product Type Features

Form Factor	SFP+
Cage Type	Ganged
Thermal Accessory Type Included	Heat Sink
Pluggable I/O Product Type	Cage Assembly

Lightpipe Options	With Lightpipe	
Connector System	Cable-to-Board	
Sealable	No	
Connector & Contact Terminates To	Printed Circuit Board	
Configuration Features		
Port Matrix Configuration	1 x 4	
Lightpipe Configuration	Dual Round	
Lightpipe Style	Reduced Length	
Lightpipe Profile	Standard	
Number of Ports	4	
Electrical Characteristics		
Data Rate (Max)	16 Gb/s	
Body Features		
Heat Sink Height Class	Networking Tall	
Heat Sink Height	13.5 mm[.531 in]	

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Heat Sink Style	Pin
Termination Features	
Termination Post & Tail Length	2.05 mm[.081 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Mechanical Attachment	
Connector Mounting Type	Board Mount
Housing Features	
Cage Material	Nickel Silver
Dimensions	
PCB Thickness (Recommended)	2.25 mm[.089 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Heat Sink Compatible	Yes
For Use With Pluggable I/O Products	SFP+ SMT Connector
Pluggable I/O Applications	SFP+ Enhanced
Circuit Application	Signal

Circuit Application	1	
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Packaging Features

Packaging Method

Other

EMI Containment Feature Type

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: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900

Signal

Box & Tray, Package

Internal/External EMI Springs

C For support call+1 800 522 6752

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SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, SFP+ Enhanced, With Lightpipe, 1 x 4, Dual Round



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 # 2110759-1 PT CONN ASSY 20 POS 16G SFP



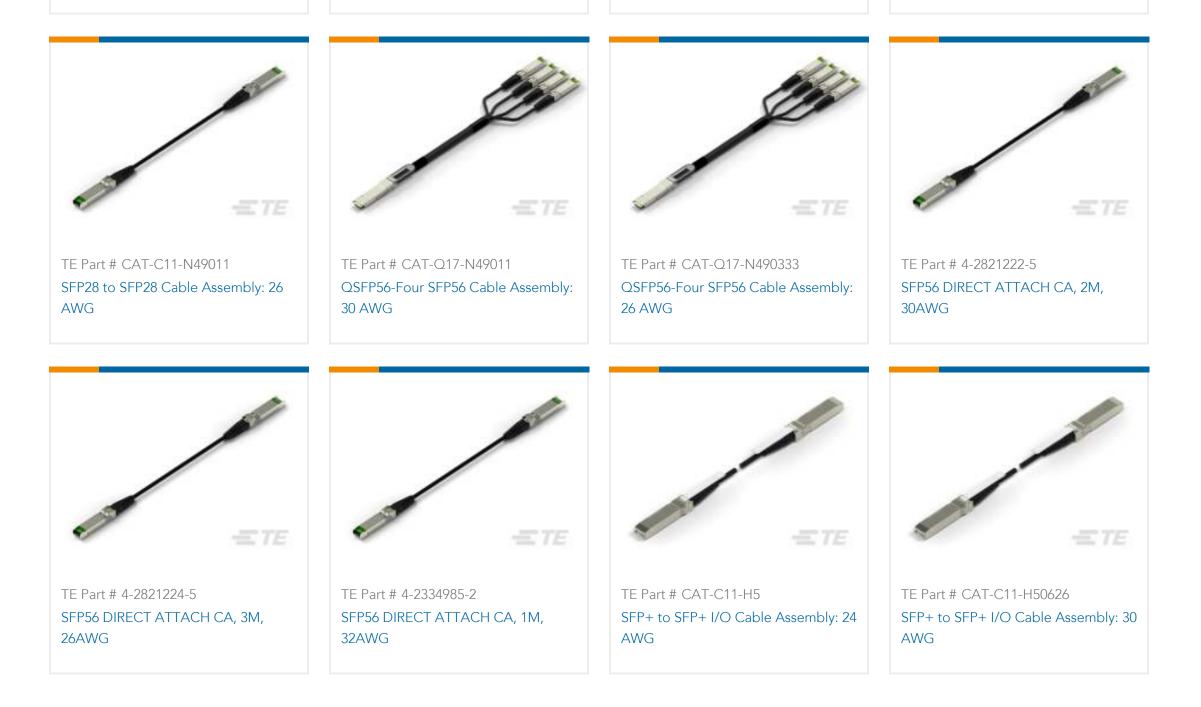
TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG



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

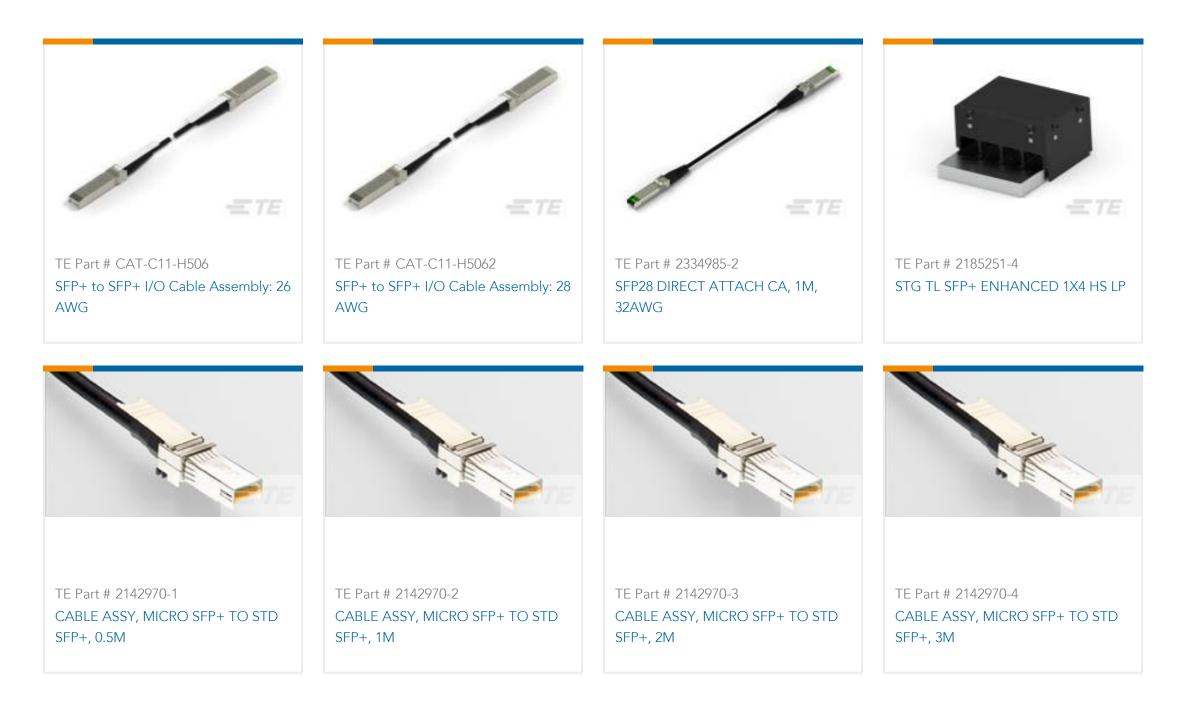


TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG



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Customers Also Bought



ZU PUS SIVIT	COININ, SEP/SE	P+, 30A
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10 MODII HDR DRST SHRD A/PIN

16 MODII HDR DRST SHRD A/PIN

HD FEMALE SCREWLOCK





Documents

SFP, SFP+ & zSFP+, Cage Assembly, Data Rate (Max) 16 Gb/s, Internal/External EMI Springs, SFP+ Enhanced, With Lightpipe, 1 x 4, Dual Round



Product Drawings SFP+ Enhanced 1x4, Net Heatsink, LP English **CAD** Files 3D PDF Customer View Model ENG_CVM_CVM_2198233-4_A.2d_dxf.zip English Customer View Model ENG_CVM_CVM_2198233-4_A.3d_igs.zip English Customer View Model ENG_CVM_CVM_2198233-4_A.3d_stp.zip English By downloading the CAD file I accept and agree to the **Terms and Conditions** of use. **Product Specifications Product Specification**

English

3D

Product Specification

English