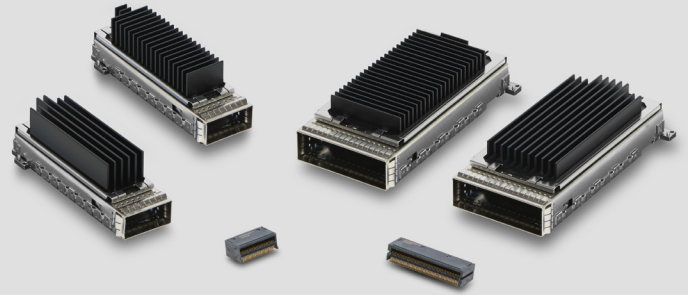INTRODUCING

CFP2 AND CFP4 PLUGGABLE I/O CONNECTORS

- **Transfer up to 28 Gbps per lane in a smaller space – 2.8 times faster than current CFP products**

- **Provide one of the industry's leading Signal Integrity (SI) performance**

TE Connectivity (TE) introduces new CFP pluggable I/O connectors designed for high speed communications. CFP2 and CFP4 interconnects transfer data 2.8 times faster than current CFP products, achieving 28 Gbps per lane for >100 Gbps Ethernet (and other protocols) in a high density, 0.6mm contact pitch. In addition, they provide excellent signal integrity and feature a ruggedized cage construction for a more robust solution than the competition, helping ensure reliable connections. With one of the largest CFP2 and CFP4 portfolios, TE offers many flexible design options to meet your needs.

KEY BENEFITS

- Transfer more data in a smaller space with high density 0.6mm pitch contacts that perform up to 28 Gbps per lane
- Perform up to 2.8 times faster than current CFP products
- Provide one of the industry's leading Signal Integrity (SI) performance for 28 Gbps per lane
- Adhere to the standard footprint defined by the CFP Multi-Source Agreement (MSA) group
- Enable design flexibility with one of the largest portfolios of CFP2 and CFP4 connectors
- Offer many flexible design options including ganged cages, heat sinks, single-sided and belly-to-belly mounting styles, lightpipes, and the capability to support mid- to long-reach applications

STANDARDS & SPECIFICATIONS

- Meets CEI-28G-VSR requirements defined by OIF for 28Gbps
- Product specification: 108-32103
- Application specification: 114-32146

LEARN MORE

CFP/CFP2/CFP4 landing page

CFP2/CFP4 product brochure

CFP2/CFP4 parts list

APPLICATIONS

- Data centers
- Optical transport
- Servers
- Switches
- Storage area networks
- Carrier networks
- Mid-reach to long-reach, high capacity (100 Gbps) links

	CFP2	CFP4
Size (width)	41.5mm	21.7mm
Number of Contacts	104	56
Contact Pitch	0.6mm	0.6mm
Max. Power Consumption per Module	3-18 W	1.5-9 W
Aggregate Data Rate per 19" Linecard	800 Gbps	1.6 Tbps
Electrical Configuration	10x10 Gbps 4x25 Gbps	4x25 Gbps
Variants	SR10, LR4, ER4	SR4, LR4, CWDM4
Optical Media Types	MM/SM	MM/SM