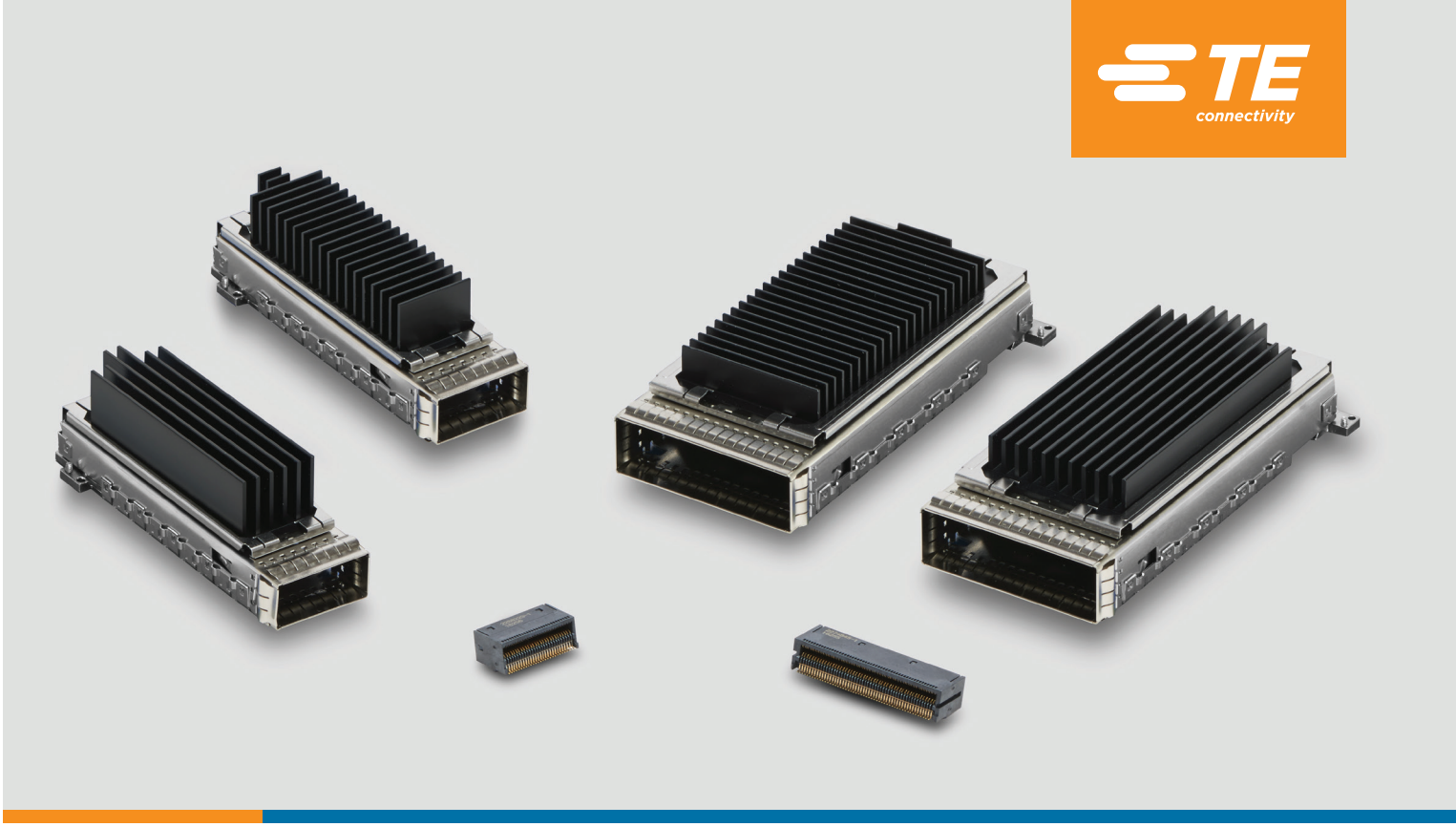


CFP2 & CFP4 PLUGGABLE I/O CONNECTORS & CAGES

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. TE Connectivity's (TE) CFP2 and CFP4 connectors 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.

Applications

- Carrier Networks and Datacenters
- Large datacenter campus connectivity
- Metro area networks
- Mid- to long-reach, high capacity, multi-100 Gbps links

Part Number Information

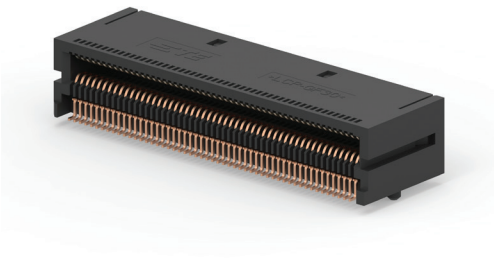
CFP2

Description	TE Part Number
Receptacle Connector	2274845-1
1x1 Receptacle Cover	2304452-1
1x1 Cage Assembly	2274843-2
1x2 Receptacle Cover	2304454-1
1x2 Cage Assembly	2287076-2
Heatsink (side-to-side airflow)	2288219-3
Heatsink (front-to-back airflow)	2288218-3
Heatsink Clip	2288220-2
EMI/Dust Plug	2288221-1
1x1 Hardware Kit (w/side-to-side airflow heatsink)	2274842-1
1x1 Hardware Kit (w/front-to-back airflow heatsink)	2274842-2
1x2 Hardware Kit (w/side-to-side airflow heatsinks)	2287075-1
1x2 Hardware Kit (w/front-to-back airflow heatsinks)	2287075-2

CFP4

Description	TE Part Number
Receptacle Connector	2288229-1
1x1 Receptacle Cover	2304455-1
1x1 Cage Assembly	2288227-2
1x4 Receptacle Cover	2304456-1
1x4 Cage Assembly	2289496-2
Heatsink (side-to-side airflow)	2289501-3
Heatsink (front-to-back airflow)	2288231-3
Heatsink Clip	2289502-2
EMI/Dust Plug	2288221-3
1x1 Hardware Kit (w/side-to-side airflow heatsink)	2288226-1
1x1 Hardware Kit (w/front-to-back airflow heatsink)	2288226-2
1x4 Hardware Kit (w/side-to-side airflow heatsink)	2289497-1
1x4 Hardware Kit (w/front-to-back airflow heatsink)	2289497-2

Hardware kits include: cage assembly, receptacle cover, heatsink(s), heatsink clip(s) and screws.



CFP2 receptacle connector

Key Features

- Up to 28 Gbps per lane; 100 Gbps per port
- 32 Gbps ACO compliant
- Up to 4x data rate per 19" line card vs CFP
- Up to 60% lower power consumption vs CFP
- 0.6mm pitch SMT receptacle connectors
- Pin counts:
  - CFP2: 104 pins
  - CFP4: 56 pins
- Ganged configurations available:
  - 1x1 and 1x2 cages for CFP2
  - 1x1 and 1x4 cages for CFP4
- Supports single-sided and belly-to-belly mounting
- Designed to the CFP2 & CFP4 MSA standards (www.cfp-msa.org)
- Meets CEI-28G-VSR requirements defined by OIF for 28 Gbps
- Accommodates 32 Gbps ACO requirements
- Optional riding heatsink ensures proper thermal dissipation

Contact your TE representative for more information

TE Technical Support Center

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Canada:	1 .905.475.6222
Mexico:	52.0.55.1106.0800
Latin/S. America:	54.0.11.4733.2200
Germany:	49.0.6251.133.1999
UK:	44.0.800.267666
France:	33.0.1.3420.8686
Netherlands:	31.0.73.6246.999
China:	86.0.400.820.6015

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

Как с нами связаться

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