



DATA CENTER SWITCHING AND ROUTERS

BANDWIDTH FOR THE NEXT GENERATION

TE Connectivity's (TE) global experience in a wide range of connectivity applications helps its customers "design in" efficiency and agility into data center infrastructure and data center equipment. We have a full set of interconnect and cabling solutions to increase bandwidth, density and reliability for all types of telecommunications and enterprise routing and switching equipment.

We offer products for applications at 10, 25, 40, 100 and up to 400 Gbps to support converged internet protocol (IP) networks. Count on TE to provide solutions to support your enterprise's current and future demand for data, speed, and power efficiency.

FIND OUT MORE
te.com/switchingandrouters



INPUT/OUTPUT (I/O)

I/O performance is the top priority for switches and routers. Maximize your density & speed with TE's pluggable I/O connector and cages which support standard interfaces for data rates up to 100G.



SFP/SFP+

SFP+ interconnect system supports data rates of 10 Gbps signal speeds and is backward compatible with SFP. Many cage configurations offered provide excellent shielding options.



QSFP/QSFP+

The quad small form factor pluggable (QSFP) portfolio of interconnects offers a large range of simple and customizable design options.



Mini-SAS HD Connectors

Designed to provide next-generation speeds for both internal and external applications.

HIGH SPEED BACKPLANE

Help your high speed I/O design soar with the right backplane solution. Provide high-speed and scalability for core, edge, Ethernet, and other applications across switches and routers.



STRADA Whisper Connectors

Transfer data at speeds of 25 Gbps with scalability up to 56 Gbps—upgrade without costly backplane redesigns.



IMPACT™ Connectors

This system is available in two designs providing flexibility to optimize for advanced mechanical and electrical performance.



Z-PACK Slim UHD High-Speed Connectors

Designed to be among the densest connectors with the smallest possible footprint to free up valuable PCB space.



Z-PACK HM-Zd Plus Connectors

Reduce noise and system crosstalk with this double-ground design.

INTERNAL INTERCONNECTS

TE's latest high-speed, high-density interconnects support a range of switching and router designs.



Free Height

These versatile connectors are useful for downsizing applications that require parallel stacked circuit boards.



Fine Pitch Board-to-Board (BTB)

0.4 mm pitch plus new shielded board-to-FPC solution.



AMP Mini CT Connectors

Miniature wire-to-board connectors that feature a compact pitch design.



DDR4 DIMM Connectors

Space savings, reduced height, improved power consumption, and higher data rates than the DDR3.

POWER

We understand the critical demands of an always-on data center. From bus bar to cable, hot-pluggability and blind mating—we offer robust power solutions for almost any design configuration.



MULTI-BEAM XLE Connectors

This hot pluggable series is a space saver with slim guide sockets and vented housing for better heat dissipation.



RAPID LOCK Connectors

No install tools required for this fast, reliable replacement for power lugs.



CROWN CLIP Connectors

Offers a low insertion/extraction force for high-current mating directly to a power bus bar.



Open Compute Project (OCP) Power Connectors

The only solution fully compatible with the Open Rack V1 and V2 specifications.

COPPER CABLE ASSEMBLIES

Supporting the latest standards and engineered for 25 Gbps and beyond. Custom solutions available.



QSFP28 Copper Cables

With 8 differential pairs, these assemblies provide 4 channels at speeds up to 28Gbps each.



QSFP+ 33AWG Cables

Fine wire cable that's ultra-thin, light weight & highly flexible for high density intra-rack applications.

ETHERNET



RJ45 Connectors

TE's jacks and plugs offer reliable and space saving solutions for flexible and time-saving installation, even in harsh environments.



RJ point five Connectors

This next-gen Ethernet link offers higher density solutions for a competitive total cost of ownership per port.