



DATA CENTER SWITCHING AND ROUTERS

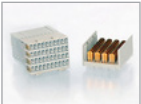
BANDWIDTH FOR THE NEXT GENERATION

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)	HIGH SPEED BACKPLANE	INTERNAL INTERCONNECTS	POWER	COPPER CABLE ASSEMBLIES
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.  RJ point five Connectors This next-gen Ethernet link offers higher density solutions for a competitive total cost of ownership per port.	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.	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.	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.	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. OPTICS Broad set of products including active optical cables and transceivers.  Active Optics Our award-winning Coolbit optical engines: achieve high-speed while consuming extremely low power.