

INTRODUCING SFP28 AND QSFP28 CABLE ASSEMBLIES

- Improved performance with signal integrity expertise
- Full solution with cable assemblies, connectors and cages



Our signal integrity expertise allows us to provide one of the highest performing 25 Gbps SFP28 and QSFP28 cable assembly portfolios in the market. Our cable assemblies support aggregate data rates of 100 and 200 Gbps.

Not only do we offer these 25 Gbps cable assemblies, but we also provide the mating connectors and cages so you can get a full solution in one place for your data communications application.

KEY BENEFITS

- Support aggregate data rates of 100 and 200 Gbps
- Compatible with IEEE 802.3cd, IEEE 802.3bj, IEEE 802.3by and InfiniBand EDR
- Optimized construction to minimize insertion loss and cross talk
- Pair with TE's zSFP+ and zQSFP+ connectors and cages - also available through our distributor partners
- Backwards compatible with all existing QSFP+ connectors and cages for easy system upgrades

MATERIALS

- Contact: 30u gold plated contact pads
- Backshell: nickel plated zinc diecast
- Latch slide: stainless steel
- Pull tab: molded polypropylene
- Bulk cable:
 - Silver plated copper conductor
 - Flexible PVC jacket
 - Metallic tape shielded pairs
 - Tin plated copper braid outer shield

STANDARDS & SPECIFICATIONS

- Complies with IEEE802.3bj, IEEE 802.3by, IEEE 802.3cd, InfiniBand EDR and SFF-8665

APPLICATIONS

- Data Centers
- Enterprise Switches
- Servers
- Routers
- Storage Devices
- High Performance Computing (HPC)
- Wireless Infrastructure
- Test and Measurement Equipment

ELECTRICAL

- Impedance: $100\Omega \pm 10\Omega$

MECHANICAL

- Operating temperature: -10°C to 60°C
- Durability: 250 mating cycles
- Mating force: 40N max
- Un-mating force: 30N max
- Retention force: 90N max

LEARN MORE

[Pluggable I/O Cable Assemblies Landing Page](#)
[QSFP28 Cable Assemblies Brochure](#)
[zQSFP+/QSFP28 Interconnects Brochure](#)
[zSFP+/SFP28 Interconnects Brochure](#)
[SFP28 and QSFP28 Cable Assemblies Parts List](#)