

Network Hardware Solutions

When faced with a wide range of network architectures and deployment scenarios, turn to C Enterprises for your connectivity solutions. Transceivers provide a cost-effective way to connect a network device to a variety of fiber cable types and runs. With available speeds of 1 Gb/s to 100 Gb/s, whether routing a data center or providing connection between cities, our selection of transceivers ensures an optimal fit for your system's needs.

Built to meet the rigors of your system's requirements.

Features / Coding

An extensive lineup of transceivers supporting various form factors, media types, and cables helps to meet the challenges of a diverse network.

Coding of transceivers allows for compatibility with a wide variety of OEM equipment manufacturers, including: Cisco, Juniper, Arista, and other platforms.

Small Form Factor transceivers enable high density deployments. Transceivers provide a critical, reliable connection, ensuring the functionality and performance of your network, all at a reasonable cost.

Available Options

Connectors

Transceiver	Connector Type
SFP	LC, RJ45
SFP+	LC
SFP28	LC, MPO/MTP
QSFP+	LC, MPO/MTP
QSFP28	LC, MTP/MTP
X2	SC
XFP	LC
XENPAK	SC
GBIC	SC

Ethernet Transmission Speed: 1, 10, 25, 40, 100 Gb/s

Fiber Channel Transmission Speed: 2, 4, 8, 16 Gb/s

Transmission Methods: BiDi, CWDM, CWDM4, DWDM, PSM, SONET OC-192/STM-64

Distance:

- Single-mode Fiber up to 80 kilometers.
- Multimode Fiber up to 550 meters.

OEM Compatibility

Our transceivers are specifically coded to be 100% compatible with over 50 manufacturers. Including:

• Cisco	• Arista
• Avaya	• Brocade
• Dell	• Extreme
• HP	• Intel
• Juniper	• Mellanox
• NetApp	• IBM

For a complete list of manufacturer compatibility, please refer to our sales team.



Application

Transceivers connect Storage Area Networks (SANs) and Network Attached Storage (NAS), high speed switches, and other high-bandwidth applications.

Designed to meet the performance and need for growth in service provider and enterprise environments.

High speed transceivers deliver the performance capacity to support cloud services.

Durability

Each transceiver is subject to a rigorous, ISO:9001 certified manufacturing and testing process. Multiple rounds of testing insure the highest level of quality.

Adherence to industry standards for form and design mean a minimal loss of time when upgrading or replacing hardware. All items are manufactured with superior components and carry a lifetime manufacturer's warranty.

Agency / Standard Compliance

Transceivers:

- RoHS Compliant
- MSA
- SFF
- IEEE 802.3