

100 Gbps QSFP28 Copper Cable Assembly

QSFP28 copper cable assemblies are designed for high-density interconnection systems. These cables support a transmission rate of 100 Gbps and are suitable for data centers and high-performance computing applications.



Overview

High-Density 100G Connectivity

The QSFP28 Copper Cable Assembly is engineered for high-performance networking environments, including data centers and high-performance computing (HPC) applications. Featuring a high-density interconnection system, this cable supports a total transmission rate of 100 Gbps. It is designed to ensure reliable signal integrity and low power consumption, making it an ideal choice for scalable network infrastructure.

Performance Metrics

Total Bandwidth

100 Gbps

Total Bandwidth

25 Gbps

Data Rate per Channel

Power Consumption

< 0.5W (Passive)

Technical Specifications

Wire AWG Support

- 32
- 30
- 28
- 26

Supported Cable Lengths

Cable Type	Length Range (m)
Passive DAC	0.5 - 5.0
Redriver ACC	1.0 - 9.0

Standards Compliance

IEEE 802.3bj (100GBASE-CR4), IEEE 802.3by (25 Ethernet), SFF 8665

Product Configuration

Available Cable Configurations

- QSFP28 to QSFP28 100G DAC
- QSFP28 to QSFP28 100G ACC Redriver Cable
- QSFP28 100G to 2*QSFP 50G DAC
- QSFP28 100G to 4*SFP28 25G DAC

Applications

Compatible Industries & Systems

100G Ethernet • InfiniBand (QDR/FDR/EDR) • Fibre Channel • HPC • Data Center • Enterprise Storage • Telecommunications