

# 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