

400G/200G OSFP Dual-Density Cable Assembly

This OSFP cable assembly is a dual-density 8-channel device. It supports 25G/channel NRZ and 50G/channel PAM 4 signaling protocols, providing 200G and 400G bandwidth.



Overview

High-Density OSFP Cable Assembly

The OSFP dual-density cable assembly is an 8-channel solution designed for high-speed data transmission. Compatible with 25G/channel NRZ and 50G/channel PAM 4 signaling, it delivers total bandwidths of 200G and 400G. This assembly is engineered to meet current and future high-density port capability requirements in demanding network environments.

Performance & Standards

Total Bandwidth

400 Gbps

Total Bandwidth

Standards Compliance

- IEEE 802.3cd (400GBASE-CR8)
- IEEE 802.3bj (100GBASE-CR4)
- IEEE 802.3by (25 Ethernet)

Signaling Protocols

25G/channel NRZ, 50G/channel PAM 4

Technical Specifications

Material Options

LSZH Available

Supported Wire AWG

32, 30, 28, 27

Passive DAC Length

0.5 - 3.0 Meters

Power Consumption

< 0.5W (Passive)

Product Compatibility

Available Configurations

Configuration Type

OSFP to OSFP 400G DAC

OSFP to OSFP 400G ACC Redrive Cable

OSFP 400G to 2* QSFP56 100G DAC

OSFP 400G to 8* SFP56 50G DAC

OSFP 200G to 2* QSFP28 100G DAC

OSFP 200G to 8* SFP28 25G DAC

Applications

Target Markets

- 400G/200G Ethernet
- 8x InfiniBand EDR/HDR
- Fibre Channel
- Storage, Switch, & RAID Systems
- High-Performance Computing (HPC)
- Network Interface Cards (NIC's)
- Telecommunication Equipment
- Data Center and Enterprise Storage