

40G QSFP+ Active Optical Cable

This 40G QSFP+ active optical cable (AOC) is a high-performance integrated cable with low power consumption. It is suitable for short-range multi-lane data communication and interconnect applications, supporting 40G Ethernet.



Product Overview

High-Performance 40G Connectivity

The 40G QSFP+ Active Optical Cable is a high-performance, low-power interconnect solution designed for demanding short-range multi-lane data applications. Built for reliability, each cable undergoes 100% optical inspection and compatibility testing prior to shipping to ensure seamless integration. It is an ideal choice for enterprise-grade data centers, high-performance computing, and telecommunication infrastructure.

Technical Specifications

Data Rate	10.3 Gbps/channel
Maximum Distance	150 m
Supply Voltage	3.3 V
Operating Temperature	0°C to +70°C
Compliance	QSFP+ MSA, SFF-8436, RoHS

Product Compatibility

Series Compatibility

- SFP+-10G-AOC
- QSFP+-40G-AOC
- SFP28-25G-AOC
- QSFP28-100G-AOC

Product Features

Core Features

- Hot pluggable electrical interface
- Differential AC-coupled high-speed data interface
- 4-channel 850nm VCSEL array
- 4-channel PIN photo detector array
- Supports serial ID functionality via EEPROM
- Integrated management and digital diagnostic interface

Target Applications

Application Areas

Ethernet • HPC • Switch/RAID Systems • Data Centers • NICs • Telecom