

# 25G SFP28 Active Optical Cable

This 25G SFP28 AOC (Active Optical Cable) is a direct fiber optic assembly with a SFP28 connector. It transmits data at 25Gb/s for short distances, offering a cost-effective connectivity solution.



## Product Overview

### High-Speed 25G Connectivity

The 25G SFP28 Active Optical Cable (AOC) provides a high-performance, cost-effective solution for short-distance data transmission in rack-to-rack interconnects. Designed for demanding environments like data centers and high-performance computing, it integrates fiber optic technology to deliver a reliable 25Gb/s data rate. The hot-pluggable design ensures ease of deployment while maintaining low power consumption and superior signal integrity.

## Performance Metrics

### Data Transfer Rate

**25 Gbps**

Data Rate

**100 m**

Max Distance

**1 W**

Power Consumption

## Technical Specifications

### Physical and Environmental

Feature	Specification
Fiber Type	OM3/OM4 Multimode
Wavelength	850nm
Operating Temp	0°C to +70°C
Voltage	3.3V

## Compliance and Standards

Compliance	SFP+ MSA, SFF-8432, RoHS
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## Applications

### Suitable Environments

- 10Gbs~25Gbs Ethernet
- Data Center & Enterprise Storage
- High-Performance Computing (HPC)
- Network Interface Cards (NIC's)
- Storage, Switch, & RAID Systems