

DAC-AX10 is a 10G SFP+ active optical cable (AOC), a direct-connect fiber optic component with an SFP+ connector, suitable for multimode fiber (MMF) transmission. It is designed for short-distance high-speed connections between networking equipment.

The DAC-AX10 series is available in 10m (DAC-AX10-10m), 15m (DAC-AX10-15m), and 25m (DAC-AX10-25m) lengths.

This AOC conforms to the SFF-8431 MSA standard.

Compared to using separate optical modules and fiber optic patch cords, it provides a more cost-effective solution for 10Gbps connections within and between adjacent racks.

All optics are integrated inside the cable, eliminating the need for cleaning, scratching, or damaging LC fiber optic connectors, significantly improving reliability and reducing maintenance costs.



Product Features

- 850nm VCSEL transmitter and PIN photo-detector receiver
- Compatible with SFF-8431, SFF-8432, SFF-8419, and SFF-8472
- Low power consumption < 0.35W
- Operating temperature: 0°C to 70°C
- Hot-pluggable SFP+ form factor
- Compliant for enhanced EMI/EMC performance
- RoHS compatible

Specification

Connector Type	SFP+
Product Category	Active Optical Cable (AOC)
Fiber Type	Multimode Fiber (MMF)
MSA Compliance	SFF-8431, SFF-8432, SFF-8419, SFF-8472
Link Speed	10Gbps
Length	10m / 15m / 25m
Power Supply	3.3V
Power ConsumptionMax.	0.35 watt
Operating Temperature	0 to 70°C
Storage Temperature	-40 to 85°C
Humidity (non-condensing)	0 to 85% RH