

# AOC Cable - QSFP 10G

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## Variants

15M-OM3 10M-OM3 5M-OM3 3M-OM3 1M-OM3

## Details

# 10G SFP+ Active Optical Cable (AOC)

## Product Features

Features
10Gbps SFP+ Active Optical Cable
Low power consumption < 0.35W per end
Electrical interface compliant to SFF-8431
Up to 300m transmission on OM3 MMF
850nm VCSEL transmitter with PIN photo-detector receiver
Operating temperature: 0°C to +70°C
3.3V power supply
RoHS compliant
Hot pluggable SFP+ form factor
Excellent EMI performance

## Applications

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10 Gigabit Ethernet

InfiniBand (QDR, DDR, SDR)

High-performance computing clusters

4G & 8G Fibre Channel

Servers, switches, storage & data centers

## Description

### Product Description

SFP+ Active Optical Cables (AOC) are direct-attach fiber assemblies with SFP+ connectors. They offer low power consumption and are ideal for short-distance connections within racks and between adjacent racks. Supports up to 300 meters transmission over OM3 multimode fiber.

## Absolute Maximum Ratings

Parameter	Min	Max	Unit
Storage Temperature	-	85	°C
Operating Temperature	0	70	°C
Supply Voltage	-0.3	3.6	V
Relative Humidity	0	85	%

## Recommended Operating Conditions

Parameter	Min	Typical	Max	Unit
Operating Temperature	0	-	70	°C
Power Supply Voltage	3.13	3.3	3.47	V

Power Consumption	-	-	0.35	W
Data Rate	-	10.3	-	Gbps

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