AOC Cable - QSFP 10G

Variants

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

Applications
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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