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## Overview

The Cisco SFP-10G-AOC1M Compatible SFP+ Active Optical Cables are direct-attach fiber assemblies with SFP+ connectors and operate over Multi-Mode Fiber (MMF). This AOC is compliant with SFF-8431 MSA standards. It provides a cost-efficient solution as compared to using discrete optical transceivers and optical patch cables and is suitable for 10Gbps connections within racks and across adjacent racks.

## Quick Specification

Table 1 show the quick specification.

Cisco Compatible	SFP-10G-AOC1M
Vendor Name	FS
Connector Type	SFP+ to SFP+
Max Data Rate	10Gbps
Minimum Bend Radius	7.5mm
Cable Length	1m (3.28ft)
Jacket Material	OFNP
Temperature	0 to 70°C (32 to 158°F)
Protocols	10G Gigabit Ethernet or 1x InfiniBand QDR, DDR, SDR, Fibre Channel

Figure 1 shows the appearance of SFP-10G-AOC1M.



## Product Details

- Support for multi-gigabit data rates up to 10.5Gbps
- Support 4x and 8x Fibre Channel data rates
- Hot-pluggable SFP 20PIN footprint
- Hot Pluggable, lightweight cable, the small bending radius
- 850nm high-speed VCSEL and PIN receiver
- Single 3.3V power supply
- Compatible to SFP+ MSA
- Operating temperature range: 0 to 70°C
- RoHS Compliant and Lead-Free

## Get More Information

Do you have any question about the SFP-10G-AOC1M?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

SFP-10G-AOC1M Specification	
Product Code	SFP-10G-AOC1M
Form Factor	SFP+ AOC
Data Rate	10.5Gb/s
Wavelength	850 nm
Supply Voltage	3.3V
Transmitter Power	-6 ~ -1 dBm
Receiver Sensitivity	< -10 dBm
Cable Length	1 meter
Fiber Type	OM3 MMF
Minimum cable bend radius	25 mm
Cable Jacket Type	LSZH
Connector	SFP+/SFP+
Digital Diagnostic Monitoring	Yes
Environment	Operating: 0°C to 70°C Storage: -40°C to 85°C
Weight	0.1 kg

Application	10 Gigabit Ethernet 4G and 8G Fibre Channel Applications(4GFC/8GFC) 1x InfiniBand QDR, DDR, SDR High-performance computing clusters Servers, switches, storage and host card adapters
Compliance	SFF-8472, SFF-8431 IEC/EN 61000-4-2 MIL-STD-883E, RoH

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