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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.

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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