



SFP-10G-AOC5M DataSheet

Cisco SFP-10G-AOC5M 5m 10G SFP+ Active Optical Cable – Plug-and-play, EMI-resistant SFP+ to SFP+ fiber for Cisco switches & servers. Reliable short-to-medium range 10G links.

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SFP-10G-AOC5M Description

SFP-10G-AOC5M is a Cisco 5-meter 10G SFP+ Active Optical Cable (AOC), offering a high-speed, EMI-immune, and plug-and-play solution for 10 Gigabit Ethernet connectivity over short to medium distances. This integrated, hot-swappable SFP+ to SFP+ fiber cable ensures superior signal quality and low-latency performance, making it ideal for connecting Cisco switches, servers, and storage devices within data centers, campus networks, and high-density enterprise environments. The SFP-10G-AOC5M supports easy deployment and reliable 10G links where copper DAC is either impractical or prone to interference.

Model comparison

Feature / Model	SFP-10G-AOC5M	SFP-H10GB-CU5M	SFP-10G-AOC10M
Cable Type	Active Optical	Passive Twinax	Active Optical
Length	5m	5m	10m
Transmission Media	OM3 Multimode Fiber	24/26 AWG Copper	OM3 Multimode Fiber
Max Data Rate	10 Gbps	10 Gbps	10 Gbps
Power Consumption	1 W	0.1 W	1 W

Hot-swappable	Yes	Yes	Yes
Operating Temp.	0-70°C	0-70°C	0-70°C
Bail Latch Color	Gray	Gray	Red
EMI Immunity	Excellent	Good	Excellent
Bending Radius	Small (flexible)	Medium	Small (flexible)
Flexibility	High	Standard	High
Weight	Light	Heavier	Light
Typical Scenario	Data center fiber patch, EMI-critical links	Short copper runs between racks	Longer fiber runs, large-scale DC
Compliance	SFP+ MSA	SFP+ MSA	SFP+ MSA

Specification

Parameter	Value
Product Model	SFP-10G-AOC5M
Cable Type	Active Optical
Length	5 Meters
Max Data Rate	10 Gbps
Connector Type	SFP+ to SFP+
Power Consumption	1 W
Operating Temperature	0 to 70°C (COM)
Bail Latch Color	Gray
Hot-swappable	Yes
Compliance	SFP+ MSA SFF-8431
Dimensions (H x W x D)	8.5 x 13.4 x 56.5 mm (module)
Weight	<75g (module)

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