



SFP-10G-AOC1M DataSheet

Cisco SFP-10G-AOC1M 1m 10G SFP+ Active Optical Cable – Plug-and-play, low-latency SFP+ to SFP+ fiber for Cisco switches & servers. Ideal for short-range connections.

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SFP-10G-AOC1M Description

SFP-10G-AOC1M is a Cisco 1-meter 10G SFP+ Active Optical Cable (AOC), designed for cost-effective, high-speed 10 Gigabit Ethernet connections over very short distances. This all-in-one, hot-swappable SFP+ to SFP+ solution integrates the optical transceivers and OM3 multimode fiber in a single assembly, ensuring easy deployment and consistent signal quality in high-density data center environments. The SFP-10G-AOC1M provides reliable, low-latency connectivity between Cisco switches, routers, servers, and storage devices, supporting plug-and-play installation for modern enterprise, cloud, and campus networks.

Model comparison

Feature / Model	SFP-10G-AOC1M	SFP-H10GB-CU1M	SFP-H10GB-ACU7M
Cable Type	Active Optical	Passive Twinax	Active Twinax
Length	1m	1m	7m
AWG/Fiber	OM3 MMF	30 AWG Copper	30 AWG Copper
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	Beige	Beige	Blue
Connector Type	SFP+ to SFP+	SFP+ to SFP+	SFP+ to SFP+
Application	Ultra-short, EMI immune, high-density	Ultra-short, cost-effective, copper	Longer reach copper with active signal
Bending Radius	Small	Small	Medium
EMI Immunity	Excellent	Good	Good
Flexibility	High	Standard	Standard
Weight	Light	Light	Slightly heavier
Compliance	SFP+ MSA	SFP+ MSA	SFP+ MSA

Specification

Parameter	Value
Product Model	SFP-10G-AOC1M
Cable Type	Active Optical
Length	1 Meter
Max Data Rate	10 Gbps
Connector Type	SFP+ to SFP+
Power Consumption	1 W
Operating Temperature	0 to 70°C (COM)
Bail Latch Color	Beige
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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