


Item	10 Gigabit Fiber Media Converter
Model NO.	AOM-5100-SFP
Description	10GBase-R to 10GBase-T
	

Overview

AOM-5100-SFP **10G Media Converters** transparently connect 10GBase-T Ethernet links over multimode or single mode fiber. Each 10GbE Media Converter comes with one RJ45 10GBase-T port and an empty slot for one SFP+ module.

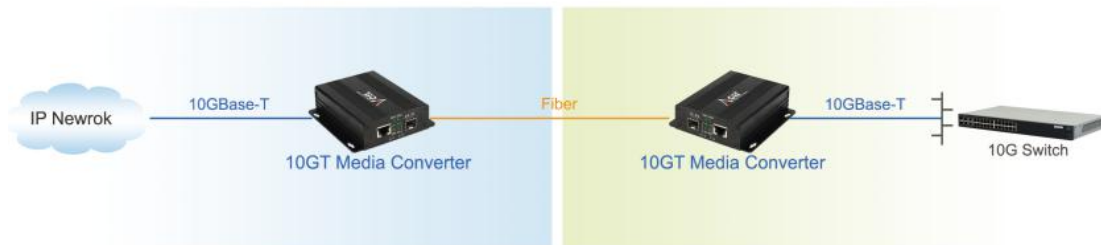
Copper to Fiber conversion is achieved by inserting SFP+ fiber transceivers that support multimode and single-mode fiber, including CWDM/DWDM wavelengths. Copper to copper is achieved by inserting SFP+ transceivers.

The empty transceiver ports on the 10 Gigabit Media Converters allow for flexible network configurations to meet any requirement using a variety of 10G transceivers supplied by AOA, Cisco or other manufacturers of MSA compliant SFP+.

Features

- Copper to Fiber interfaces: RJ-45 to SFP+
- automatically detect 10GBASE-R/1000BASE-X fiber link and 10 Gbps/1000 Mbps/100 Mbps/10 Mbps copper link
- IEEE 802.3an 10GBASE-T Compliant
- Supports CWDM, DWDM and tunable DWDM fiber transceivers
- Supports IEEE 802.3az Energy Efficient Ethernet (EEE)
- Jumbo Packet Support
- Low-power consumption

Application



Technical Indexes

Parameter	Specifications
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3an 10GBase-T Ethernet IEEE802.3az Energy Efficient Ethernet
Data Rate	Copper: 10G; Fiber: 10G
Flow control	Full duplex: flow control; Half duplex: back pressure
Copper Port	No.s of Copper Port: 1 Connector: 10GBASE-T (RJ-45) Distance:100m
Fiber Port	No.s of Fiber Port: 1 Connector: 10GBASE-SR (SFP+) 10GBASE-LR (SFP+) 10GBASE-ER (SFP+) 10GBASE-ZX (SFP+) 10GBASE-BR (Single-fiber: SFP+)
LED indicators	FL/A (optical link/action) TL/A (twisted pairs link/action) 100 (100M transmission rate of twisted pairs) 1000 (1000M transmission rate of twisted pairs) 10000 (10000M transmission rate of twisted pairs) PWR (power supply)
Power supply	Working power: DC5V 2A
Power consumption	<5W
MTBF	100,000 hours
Environment	Operating temperature : -10~55°C Storage Temperature: -40~85°C Relative Humidity: 5% to 95% non-condensing
Dimensions	117mm * 109mm * 28 mm (external power supply)



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Order Information

Part No.	Description
AOM-5100-SFP-EA	10G SFP slot Media Converter, without SFP Transceiver , External AC220V
AOM-5100-SFP-ED	10G SFP slot Media Converter, without SFP Transceiver , External DC48V
AOM-5100-SFP-F/C	10G SFP slot Media Converter, without SFP Transceiver , Card type