


Item	Fiber Media Converter
Model NO.	AOM-1100D
Description	100Base-FX to 10/100Base-TX with LFP
	
<div style="display: flex; justify-content: space-around; width: 100%;"> MMF/SMF Bi-di </div>	

Overview

AOM-1100D Serial 10/100M Fiber Media Converter translates the signal from a twist-pair 10/100Base-TX cable to 100Base-FX fiber optic cable, extends data transmission distance from 100m via copper cables to 120km by fiber optic cable, which supports LFP (Link Fault Pass-through) function & USB Powered.

Features

- 10/100Mbps auto-sensed, easily upgrade
- Full-duplex and half-duplex auto-sensed
- MDI/MDI-X Auto Negotiation
- 10/100Mbps store-and-forward
- 100Mbps cut-through transmission
- LFP (Link Fault Pass-through) Function
- Supporting extra-long packets up to 1600 bytes
- Supporting VoIP /QoS packets
- Support flow control and reduce broadcast packets
- Supporting STP to form a redundant network
- Extremely low power consumption, low heat, stable performance
- Providing Desktop, Wall-mounted, Chassis installation

Technical Indexes

Standards	IEEE802.3 10BaseT IEEE802.3u 100BaseT(X) IEEE802.3x Flow control and back pressure IEEE802.1d Spanning Tree
Performance	Processing Type: Store and Forward, Cut-through Back Bandwidth: 400Mbps MAC Address Size: 4Kbit Packet Buffer Size: 512Kbit Time Delay: <10us Frame: 1600bytes
Copper Port	Data Rate: 10/100M Connector: RJ45 Distance: 100m
Fiber Port	Data Rate: 155M Connector: SC as default, FC/ST Optional Distance: MMF 2km, SMF 20/40/80/100/120km, Bi-di: 20/40/80/100/120km
Dip-switch	TP port mode: Auto (default) or Force TP port speed: 100 or 10 when TP at Force TP port duplex: FDX or HDX when TP at Force LFP: LFP enabled (default) or disabled Fiber port duplex: 100 FDX (default) or 100 HDX
LED indicators	FL/A (optical link/action) TL/A (twisted pairs link/action) FDX (FX full duplex) 100 (100M transmission rate of twisted pairs) PWR (power supply)
Power supply	Working power: DC5V 1A AC Power Supply: 100V~ AC240V to 5V1A External / Internal Power Supply Optional
Environment	Operating temperature : -20~65°C Storage Temperature: -40~85°C Relative Humidity: 5-95% (no condensation)
Physical Characteristics	Installation: Desk-top, wall mounting, Chassis Dimension: 94*70*26mm (External power supply) Weight: 0.4kg (External power supply)



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Order Information

Model No.	Data Rate	Fiber Mode	Wavelength	Fiber Connector	Distance	Power Supply
AOM-1100D-M02-EA	10/100M	MMF	1310nm	SC	2km	Ex.AC220V
AOM-1100D-S20-EA	10/100M	SMF	1310nm	SC	20km	Ex.AC220V
AOM-1100D-A20-EA	10/100M	Bi-di	TX1310/RX1550nm	SC	20km	Ex.AC220V
AOM-1100D-B20-EA	10/100M	Bi-di	TX1550/RX1310nm	SC	20km	Ex.AC220V

Relative Product

14 Slot Chassis System For Standalone Type	
AOR-14-2A	14 Slot Chassis with double AC220V Power Supply, for standalone type
AOR-14-2D	14 Slot Chassis with double DC48V Power Supply, for standalone type