

Product Specification

Media Converter

1 x RJ45 100Mb/1~10G base-T

1 x SFP 10G base-X

AT800-ESU Series



Overview

Ethernet optical fiber transceiver can efficiently realize the conversion between 100 Mbps/1/2.5/5/10G Ethernet electrical port and fiber port, automatically compatible with half / full duplex mode. It can carry out long- distance data and video signal transmission via optical fiber, which is convenient for network upgrading and flow control. Adopt international advanced chipset and design to ensure the stability. Ultra-low transmission delay and line speed forwarding ability, it can realize flexible Ethernet expansion even in harsh environment.

Key Features

- MDI/MDI-X crossover
- Full-duplex and half-duplex transmission mode
- Link Pass Through: Remote fault detection
- Flow control
- 20 Gbps bandwidth
- 16K Jumbo Frame
- Plug & Play
- Low power consumption and low heat
- DC Power
- Led indicators

Technical Specifications

Group	Parameters	Value
Environment	Storage Temperature	-40°C ~ +70°C
	Operating Temperature	-10°C ~ +50°C
	Working Humidity	10% ~ 90% non-condensing

	Working Height	Maximum 10.000 feet / 3000 mtrs.		
Mechanical Characteristics	Net Weight	450 gr		
	Dimensions	94 x 71 x 26 mm		
Port Speed	Copper	100 Mbps / 1G / 2.5G / 5G / 10G		
	SFP	10G		
General Information	Operating Voltage	5 ~ 12 VDC		
	Power Consumption	< 4 W		
	AC/DC Adapter	100 ~ 240 VAC to 5 VDC included		
	Network Protocols	IEEE802.3u	100Base-TX	
		IEEE 802.3ab	1000Base-TX	
		IEEE802.3bz	2.5G/5GBase-T	
		IEEE802.2an	10GBase-T	
		IEEE802.3ae	10Gpbs Ethernet	
		IEEE802.3x	Flow control	
	Industry Standard	Power port	IEC 61000-4-5 Level 4, 4KV	
Copper port		IEC 61000-4-5 Level 3, 2KV		
ESD		IEC 61000-4-2		
Certifications	CE, FCC, RoHS			
Leds	PWR	Power indicator		
	10G	10G Network Link		
	FL/A	Fiber Port Act		
	FL/K	Fiber Port Link		
	TP/A	Copper Port Act		
	TP/K	Copper Port Link		

Ordering Information

Part Number	Description
AT800-ESU-1XT1XS-A-US	Unmanaged Media Converter 1 x RJ45 100 Mbps/1G/2.5G/10G baseT 1 x SFP 10G baseX with US power supply

Warranty

ONE year of limited warranty for products sold directly by aTrian Technologies, unless special agreements have been set. Warranty period start from the ship date and will be only valid for the original customer who bought the product. If you have purchased the product from a reseller you must contact him directly. RMA Form and full warranty details are available on our website.