Product Specification

Media Converter
1 x RJ45 10/100/1000 baseTX
1 x SFP 1000 baseFX
AT900-ESU Series

Overview

Ethernet optical fiber transceiver can efficiently realize the conversion between 10/100/1000M 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
- Broadcast detection
- 9216 bytes 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

Mechanical Characteristics	Working Height	Maximum 10.000 feet / 3000 mtrs.	
	Net Weight	200 gr	
	Gross Weight	700 gr	
	Dimensions	94 x 70 x 26 mm	
General Information	Operating Voltage	5 VDC	
	AC/DC Adapter	100 ~ 240 VAC to 5 VDC included	
	MTBF	100.000 hours	
	Network Protocols	IEEE802.3	10Base-T
		IEEE802.3u	100Base-TX/FX
		IEEE 802.3ab	1000Base-TX
		IEEE 802.3z	1000Base-FX
		IEEE802.3x	Flow control
	Industry Standard	EMI:	FCC Part 15 CISPR (EN55032) class A
		EMS:	EN61000-4-2 (ESD)、 EN61000-4-4 (EFT)
		Shock:	IEC 60068-2-27
		Free Fall:	IEC 60068-2-32
		Vibration:	IEC 60068-2-6
	Certifications	CE, FCC, RoHS	
	Leds	PWR	Power indicator
		FDX	Network mode
		1000M	1000M Network Link
		100M	100M Network data
		FX	Optical Link & Act
		Link	Network Link & Act

Ordering Information

Part Number	Description
AT900-ESU-1GT1GS-A-US	Unmanaged Media Converter 1 x RJ45 10/100/1000 baseTX 1 x SFP 1000 baseFX with US power supply
AT900-ESU-1GT1GS-A-EU	Unmanaged Media Converter 1 x RJ45 10/100/1000 baseTX 1 x SFP 1000 baseFX with EU 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.