

## 10/100M Fast Ethernet Media Converter (Single Mode Single Fiber)



### **AT-OFE-850IS**

#### **Product Brief:**

Fiber Transceiver is 10/100Mbps media converter which realizes conversion between 10Base-T UTP and 10Base-FL optical cable (Single Fiber) or 10Base-T UTP and 100Base-FX optical cable. Based on 113C Chipset, it is suitable for intelligent residential area or connection between optical cable and desk-top. With the feature of auto-negotiation 10Mbps and 100Mbps, easy upgradation for users, it extends the limit network transmission distance from 100 meters of UTP cable to over 80Km

#### **Features:**

Comply with IEEE 802.3 10BaseT, 802.3u 100BaseTX, 802.3u 100BaseFX

Transmit and receive over one fiber

TP-port rate 10M/100M bps auto-negotiation

LED indicators on the front panel for easy error diagnose

#### **ANDA Telecom Pvt. Ltd.**

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Turning Copper into Gold

Offer single RJ-45 port MDI/MDIX auto-crossover.

Support full duplex and half duplex

Surface Mount Technology

MTBF: 50,000 hours

**Specification:**

Ethernet Port:

Connector: One RJ45(Female),

Rate:10/100M bps

Full/Half duplex auto-adaptive, MDI/MDI-X

Optical Port:

Connector: SC

Wavelength: 1310nm / 1550nm

Tx Power: -10 dBm

Rx Sensitivity: -36 dBm

Optical power dynamic range: 25 dB

Allowed max link loss : 22 dB

USB power supply 5VDC 0.5A

Ambient Temperature: 0 ~ 70

-Humidity: 5 ~ 90%

Working Temperature: 0-50 Degree

Humidity: 5-90%(non-condensing)

Power Supply: External, AC 100V-260V, DC 5V 1A (Inner power supply available upon request)

EMI: FCC Class A CE Mark

Size: 116\*70\*26 mm

Part No	Description of product
Standalone series	
ATOFE850IS-20	10/100M bps, SM, Simplex fiber,0-20KM,SC(1550/1310),
ATOFE850IS-40	10/100M bps, SM, Simplex fiber,0-40KM,SC(1550/1310),
ATOFE850IS-60	10/100M bps, SM, Simplex fiber,0-60KM,SC(1550/1310),
ATOFE850IS-80	10/100M bps, SM, Simplex fiber,0-80KM,SC(1550/1310),
Card series	

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ATOFE850KIS-40	10/100M bps, SM, Simplex fiber,0-40KM,SC(1550/1310),Card
ATOFE850KIS-60	10/100M bps, SM, Simplex fiber,0-60KM,SC(1550/1310),Card
ATOFE850KIS-80	10/100M bps, SM, Simplex fiber,0-80KM,SC(1550/1310),Card

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