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



### **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. 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

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

Support full duplex and half duplex

Surface Mount Technology

MTBF: 50,000 hours

### **WELLTECH ENTERPRISES**

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**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: 0-50jæ

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
<b>Standalone series</b>	
WT-OTE-1315S-20	10/100M bps, SM, Simplex fiber,0-20KM,SC(1550/1310),Card
WT-OTE-1315S-40	10/100M bps, SM, Simplex fiber,0-40KM,SC(1550/1310),Card
WT-OTE-1315S-60	10/100M bps, SM, Simplex fiber,0-60KM,SC(1550/1310),Card
WT-OTE-1315S-80	10/100M bps, SM, Simplex fiber,0-80KM,SC(1550/1310),Card
<b>Card series</b>	
WT-OTE-1315S-20	10/100M bps, SM, Simplex fiber,0-20KM,SC(1550/1310),Card
WT-OTE-1315S-40	10/100M bps, SM, Simplex fiber,0-40KM,SC(1550/1310),Card
WT-OTE-1315S-60	10/100M bps, SM, Simplex fiber,0-60KM,SC(1550/1310),Card
WT-OTE-1315S-80	10/100M bps, SM, Simplex fiber,0-80KM,SC(1550/1310),Card

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