

**SFP 10/100/1000M-TX+1000M- FX Gigabit Media Converter**



This is a non-blocking and low-consumption Gigabit Converter. It provides one 10/100/1000Mbps auto-negotiation RJ45 ports supporting auto-MDI/MDIX, and one 1000M FX port (with any SFP transceiver). It is a high performance, low-cost, and easy to use. Solution is an idea solution for workgroup and smart broadband community

**Features:**

1. Fully Complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX , IEEE802.3z 1000Base-FX standard
2. One 10/100/1000M Auto-Negotiation RJ45 port, support Auto MDI/MDIX
3. One 1000Base-SX/LX SFP Port( with SFP module)
4. Auto-detection of half/full duplex transfer mode for Tx port
5. Auto-negotiation of 10/100/1000Mbps rate and Auto-MDI/MDIX for Tx port
6. Provide switch configuration of half/full duplex transfer mode for Fx port
7. Extend fiber distance up to 2km for multi-mode fiber and 20-120km for single-mode fiber
8. Indication light: PWR, FX Link/act, FX 1000M, TX 1000M, TX 10/100M, TX Link/act.
9. Easy-to-view LED indicators provides status to easily monitor network activity

**Technical Standard:**

1. Standard:  
IEEE802.3 10BASE-T Ethernet  
IEEE802.3u 100BASE-TX/FX Fast-Ethernet  
IEEE802.3z/ab 1000BASE-FX/TX 1000M-Ethernet  
IEEE802.3x
2. RJ-45 Port: Auto-MDI/MDIX
3. Network Cable: Twisted pair Cat.5 UTP Cable: 100m
4. Fiber Cable:  
MMF 50/125,62.5/125,100/140 (maximum 2Km)  
SMF 8.3/125,8.7/125,9/125,10/125 (20~120Km)
5. Dimensions (WxDxH): 180x99x32mm (External power)
6. Input Voltage: DC5V2A ( External power input : AC100V-AC240V/50-60HZ )
7. Operational Temperature: 0 ~50
8. Store Temperature: -30 ~60
9. Humidity: 5%~95% no coagulation

**Ordering Information**

**SFP Transceiver (LC connector)**

Part Number	Voltage	Distance	Wave length	TX (dBm) Output Power	RX (dBm) Sensitivity	Package Coupling	Signal Detect
SFP-SX	3.3V	550m	850nm	-9.5~-4	-18	SFP AC/AC	TTL
SFP-LX	3.3V	10Km	1310nm	-9.5~-3	-21	SFP AC/AC	TTL
SFP-LHX	3.3V	30Km	1310nm	-5~+0	-23	SFP AC/AC	TTL
SFP-ZX	3.3V	70Km	1550nm	0~+5	-23	SFP AC/AC	TTL

For detailed inquiry please contact our sales team at: [sales@huihongfiber.com](mailto:sales@huihongfiber.com) .