

10/100/1000M SFP Slot Fiber Media Converter



1. Brief description

- 1) Conversion between auto-adaptation 10Base-T, 100Base-TX or 1000Base-T and 1000Base-SX/LX , full duplex 1000M working pattern.
- 2) With distinct HIC solution, low-temperature-rise chip, no need of cooling system, realization of flow control, decrease of broadcast storm.
- 3) With famous brand optical-electronic-integration module providing excellent optical and electrical properties to ensure reliable data transmission and long working life.



- 4) Supporting broadcast filtering, address auto-learning and auto-updating, and store-and-forward operating mechanism.
- 5) Supporting full-duplex flow control or half-duplex back pressure working pattern, along with Auto-negotiation.
- 6) Supporting 9kbyte super data packet transmission by store and forwarder mode
- 7) Providing indicator lamps for link-loss, electrical and optical link diagnosing, dynamic data transmission and full/half duplex, data rate.
- 8) With more than 50,000 hours MTBF, complying with telecom operating standard.
- 9) Supporting choosing optical ports from dual fiber(MM), dual fiber(SM), single fiber(SM).

2. Technical Spec

Access Method	10/100/1000Mbps
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.1q, IEEE802.1p, IEEE802.1d
Wavelength	850nm/1310nm/1490nm/1550nm
Distance	Dual Fiber MM : 550m Dual Fiber SM : 10KM~160KM Single Fiber SM : 3KM~160KM RJ45 : 100M
Conversion Method	Media Conversion
Time Delay	<10μs
BER	<1/1000000000
LED Indicator Lamps	1000M, 100M, FX LINK/ACT, TP LINK/ACT, FDX, POWER
Power Supply	DC 5V 2A (external power), AC 220 0.5A / DC 48V (internal power)
Power Dissipation	3W
Operating Temperature	0 ~ 50 °C
Storage Temperature	-40~ 70 °C
Working rate	10/100/1000Mbps
Storage Humidity	5%~90%
Working humidity	5%~90% non-condescending