10/100/1000M Media Converter Specification

1.Brief Description:

1) Conversion between auto-adaptation 10/100/1000Base－T to 100/1000Base－X , 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 toensure 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 andfull/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:

Technical Parameter:	
Access Method:	10/100/1000Mbps
Standard:	IEEE802.3,IEEE802.3u,IEEE802.3ab ,IEEE802.3z ,IEEE802.1q,IEEE802.1p,IEEE802.1d
Wavelength:	850nm/1310nm/1550nm
Port	One RJ45 port, One SFP port
Distance:	Single Fiber SM: 20/40/60Km, CAT5: 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:	DC5V 1A (external power), AC220 0.5A /DC-48(internal power)
Power Dissipation:	3W
Operating Temperature:	0 ~ 50 ℃
Humidity:	10/100/1000Mbps
Storage Temperature:	5%~90%

Storage Humidity:	-40~ 70 ℃
Dimension:	5%~90% non-condescending