

CFOFC Communications(Shenzhen) Co.,Ltd

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10/100/1000M Media Converter Specification



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).

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2. Technical Specification:

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
Distance:	Dual Fiber LC type MM: 550m, Dual Fiber SM: 10/20/30 /50/80Km, Single Fiber SM: 20/40/60Km, CAT5: 100m
Conversion Method:	Media Conversion
Time Delay:	<10 μ s
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 °C
Humidity:	5%~90%



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Storage Temperature:	-40~ 70 °C
Dimension:	External:94mmx70mmx26mm; Internal: 140mmx110mmx30mm

