

10/100/1000BaseT to 1000BaseSX/LX Gigabit Media Converter



Features

- Complies with IEEE 802.3, 802.3u, 802.3ab, 802.3z
- TP port supports 10/100/1000Base-T auto-negotiation and Auto-MDI/MDI-X
- IEEE 802.3x Full-Duplex Flow-Control & Back-Pressure in Half-Duplex
- Supports Auto MDI/MDI-X function
- Store-and-Forward mechanism
- Compact size for easy installation

Specifications

Interface	1 x 1000BaseT RJ-45 Port (Auto-MDI/MDI-X) Twisted Pair
	1 x 10/100/1000BaseT Port
	1 x 1000BaseSX/LX Port
Data Transfer Rate	TP: 10Mbps for Half/Full-Duplex
	100Mbps for Half/Full-Duplex
	1000Mbps for Full-Duplex
	Fiber: 1000Mbps for Full-Duplex
Fiber Connector	TL-MC-10/100-MM0.55: SC / Multi-Mode
	TL-MC-10/100/1000-SM20: SC / Single-Mode
Wavelength	TL-MC-10/100-MM0.55: 850nm
	TL-MC-10/100/1000-SM20: 1310nm
Typical Distance	TL-MC-10/100-MM0.55: 220m ~ 550m
	TL-MC-10/100/1000-SM20: 20km
LED	Power, TP Link/ACT, Fiber Link/ACT
Power	5V DC, 1A
Power Consumption	5 Watts Max. / 17 BTU Max
Operation Temperature	0° C to 50° C (32° F to 122° F)
Storage Temperature	-10° C to 70° C (14° F to 158° F)
Operation Humidity	5% to 90% (Non-condensing)
Case Dimension (W x D x H)	120 x 75 x 28mm
Emission/Safety	FCC Class A, CE Class A
Warranty	2-Year Warranty

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
TL-MC-10/100/1000-MM0.55	10/100/1000BaseT to 1000BaseSX/LX Gigabit Media Converter, Multi-Mode, 550m
TL-MC-10/100/1000-SM20	10/100/1000BaseT to 1000BaseSX/LX Gigabit Media Converter, Single-Mode, 20km