

BTI-TSMC-2152L-ST 1G Media Converter

10/100/1000BASE-T TO 1000BASE-FX SFP MEDIA CONVERTER

The BTI-TSMC-2152L-ST is a reliable, non-blocking and low power consumption, standalone Gigabit Ethernet Media Converter designed to convert 10/100/1000Base-TX media to 1000Base-FX (SFP-based) media. It is a high-performance and easy-to-use converter for Customer Premises Equipment (CPE) in Metro LAN, campus, enterprise and FTTH applications.

PRODUCT SPECIFICATIONS

Transmission Speed	10/100/1000Mbps
Protocols	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX/FX (Fast Ethernet) IEEE802.3z/ab 1000BASE-T/FX (Gigabit Ethernet) IEEE802.1q, IEEE802.1p, IEEE802.1d
Electrical Interface	Connector: RJ45 Data rate 10Mbps, 100Mbps, 1000Mbps Duplex mode: Half / Full duplex Cable: <ul style="list-style-type: none"> • 10Base-T Cat.3, 4, 5 UTP • 100Base-TX Cat.5, 5e or higher • 1000Base-T Cat.5, 5e or higher
Optical Interface	Connector: Depends on SFP module Data rate: 1000Mbps Duplex mode: Full duplex Fiber type: SM 9/125µm, MM 50/125µm, 62.5/125µm
Transmission Distance	RJ45: 100 meters with Cat.5, 5e or higher Fiber: Depends on SFP module (up to 160km)
LED indication	PWR, FX Lnk/Act, TP Lnk/Act, FX FDX, TP 100M, TP 1000M
Power requirement	DC 5V/1A (External AC power input: 100~240V/ 50~60Hz)
Work environment	Operating Temperature: 0 - 50°C Storage Temperature: -40 - 70°C Humidity: 5%-90% (non-condensing)
Dimensions	70mm (W) x 93mm (D) x 25mm (H)



FEATURES

- Low-temperature-rise chip, no need for cooling system, realization of flow control, decrease of broadcast storm
- Supports full-duplex flow control or half-duplex back pressure working pattern, along with auto-negotiation
- Supports broadcast filtering, address auto-learning and auto-updating, and store-and-forward operating mechanism
- Supports 16Kbyte super data packet transmission in store and forwarder mode
- Supports LFPT (Link Fault Pass Through) function (optional)
- 10/100/1000M Auto-Negotiation RJ45 port and support for Auto MDI/MDIX
- Supports plug-and-play SFP modules
- Easy-to-view LED indicators provide status for easy monitoring of network activity
- Easy installation

CONTACT INFORMATION

Int'l Headquarters

Tel: +972-9-866-2525
Fax: +972-9-866-2500
sales.emea@telco.com

US Headquarters

Tel: +1-800-221-2849
Fax: +1-781-551-0538
sales@telco.com

EMEA

FR: +33-95-314-7731
DE: +49-241-463-5490
sales.emea@telco.com

Asia Pacific

Tel: +65-6224-3112
Fax: +65-6220-5848
info.apac@telco.com

Latin America

Tel: +1-800-221-2849
Fax: +1-781-551-0538
sales.latam@telco.com