

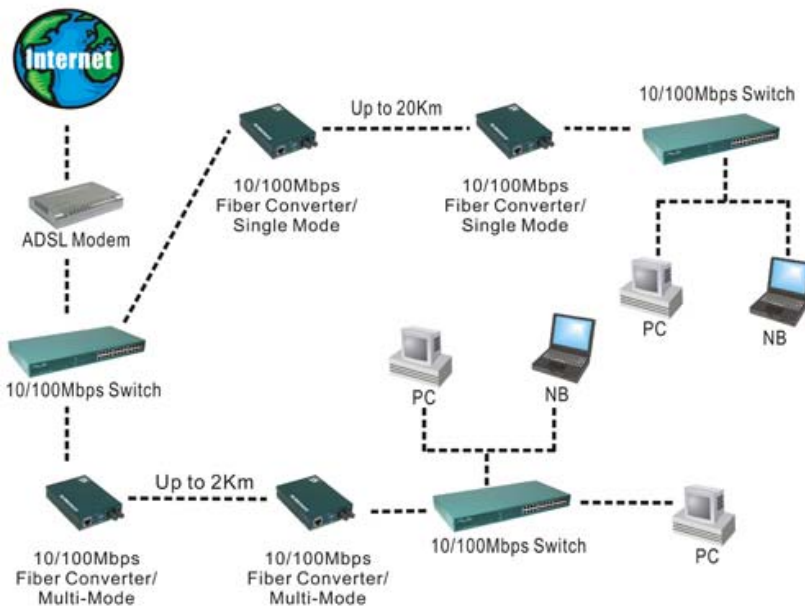


## MC-100ST/TX

100/10Mbps Fiber ST to TX, Multi-mode Bridge Converter, LLF / LFP

PheeNet Fiber Optic Media Converter (Auto MDI/MDIX) is a cost-effective solution for the converting between 10/100Base-TX and 100Base-FX cabling, The Fast Fiber Converter module gives you the option to choose from the most popular fiber cabling connectors: ST multi-mode fiber connector. The Fast Fiber Converters module provides you with one Fiber connector for your fiber optic cable and one Ethernet RJ-45 port (Auto MDI/MDIX) for your 100BaseTX copper cable connection. There are 4 DIP- switches to set the operation mode for UTP, Fiber ports and link loss forwarding function.

## APPLICATION



## Features

1. UTP to Fiber Switch Media Converter
2. Standalone and Chassis design
3. Build in Link Lose Forwarding Technology(LLF)
4. Link Fqult Pass-Through Technology(LFP)
5. Auto Negotiation Speed, Half/Full Duplex
6. TX port support Auto MDI/MDI-X
7. Hot swap for chassis

## Specification

Industrial Standard	
Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX/100BASE-FX IEEE802.3x Flow Control and Back pressure
Connector	Fiber: Duplex SC RJ-45 Socket: CAT-3/5 (10/100Mbps) Twisted Pair cable Auto MDI/MDI-X and Auto-Negotiation Function Support
Fiber parameters	Fiber Core: Multi-Mode (62.5/125um, 50/125um) Wavelength: 1310nm(Multi-mode) Fiber Distance: Multi-mode Fiber 2KM
Switch architecture	Store and Forward
Transparent packet	64 to 1600 Bytes
DIP Switch	DIP Switch 1: UTP Auto-Negotiation/100Mbps Full Duplex mode DIP Switch 2: Fiber Full/Half Duplex DIP Switch 3: LLF (Link Lose Forwarding)&LFP(Link Fault Pass-Through) Disable/Enable DIP Switch 4: Switch Converter/Pure Converter mode
Link Lose Forward	TX→Fiber: If TX port link down, then converter will forced fiber to link down Fiber→TX: If Fiber port link down, the media converter will force TX port to link down
Hardware	
LED Indicators	Module: Power, TX (100Mbps, LK/ACT, FDX/COL) Fiber (LK/ACT, FDX/COL)
Power	Stand-alone (External Adapter): DC9V/0.7A Chassis Cabinet: AC 100~240 V, 50/60 HZ, 90W*2
Environment	Operation Temp.: 0°C to 45°C (32°F to 113°F) Operation Humidity : 10% to 90% (Non-condensing) Storage Temp. : -40°C to 70°C
Dimension	Module: 119mm x 85mm x 26mm Multi-Converter Chassis: 440mm x 266mm x 133 mm (3U, 19")
Safety	cUL,UL
Certificate	FCC Class A, CE

## PheeNet Technology Corp.

Rm. 3, 20F, NO. 79, Hsin Tai Wu Rd., Sec. 1,  
Hsi-Chih, Taipei, Taiwan  
<http://www.pheenet.com>

TEL:886-2-26982011 FAX:886-2-26981421

