

# Switching 10/100 Mbps Media Converter Module

McLIM TP-TX/FX series

**B+B SMARTWORX**

Powered by

**ADVANTECH**

[www.advantech-bb.com](http://www.advantech-bb.com)



## PRODUCT FEATURES

- Modular, hot-swappable architecture reduces operational costs associated with product installations, upgrades and maintenance
- One 10/100 Mbps twisted pair port with an RJ45 connector
- One 100 Mbps fiber port with ST and SC connectors
- Unmanaged plug-and-play operation

Your network is growing and many new access points, workstations, etc. are required. However, legacy equipment, along with your existing wiring infrastructure, must work with any new equipment you implement in your network. When copper-to-fiber conversions are required, the rate converting 10/100Mbps media converter is a good solution.

The McLIM 10/100Mbps media converter enables the customer to convert copper to a variety of fiber types for multi-mode, single-mode, and single-strand fiber for 100Mbps applications.

The unmanaged media converter can be installed in a 1, 4, 8 or 12 slot chassis – the MediaConverter series chassis.

## ORDERING INFORMATION

MODEL NUMBER	FIBER	FIB ER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
<b>McLIM TP-TX/FX</b>					
855-12620	MM850-ST	1	220/550 m	1	RJ45
855-12622	MM1300-ST	1	5 km	1	RJ45
855-12623	MM1300-SC	1	5 km	1	RJ45
855-12624	SM1310/PLUS-ST	1	40 km	1	RJ45
855-12625	SM1310/PLUS-SC	1	40 km	1	RJ45
<b>SINGLE-STRAND FIBER *</b>					
855-12642	SSFY-SM1310-SC	1	20 km	1	RJ45

\* These products have single-strand fiber technology. Deploy in pairs or connect another compatible B+B SmartWorx single-strand fiber product.

## ACCESSORIES

**851-10901** - MediaConverter/1 Chassis (1-slot, AC)

**851-10904** - MediaConverter/4 Chassis (4-slot, AC)

**851-10908** - MediaConverter/8 Chassis (8-slot, AC)

**851-10912** - MediaConverter/12 Chassis (12-slot, AC)

All product specifications are subject to change without notice.

McLIM TP-TX/FX series\_4217ds

# Switching 10/100 Mbps Media Converter Module

McLIM TP-TX/FX series



## SPECIFICATIONS

### TECHNICAL

Install in any MediaConverter chassis (1, 4, 8, 12 slots)

50/125µm or 62.5/125µm multi-mode fiber

9/125µm single-mode fiber

Include diagnostic LEDs

Include hot-swappable architecture

10Base-T twisted pair

100Base-TX twisted pair

100Base-FX or SX fiber

AutoCross for RJ-45 copper port

Features Auto Negotiation

### CONNECTORS

RJ45, ST and SC

Supports half- and full-duplex operation

MTU: 1916 bytes

### MECHANICAL

Dimensions 2.20 x 6.41 x 10.25 cm (0.75H x 2.50W x 4D in.)

Shipping Weight 0.3 kg (0.7 lb)

### ENVIRONMENTAL

Operating Temperature 0 to +50 °C (+3 to +122 °F)

Storage Temperature: -25 to +70 °C (-1 to +158 °F)

Operating Humidity 5% to 95% (non-condensing)

### REGULATORY APPROVALS

FCC Class B

UL/cUL, CSA, CE

### MEANTIME BEFORE FAILURE (MTBF)

MTBF: 796650 hours

## MECHANICAL DIAGRAM

Units = inches

