# Switching 10/100 Mbps Media Converter Module

McLIM TP-TX/FX series





#### **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
McLIM TP-TX/FX					
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
SINGLE-STRAND FIBER *					
855-12642	SSFX-SM1310-SC	1	20 km	1	RJ45

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

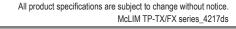
#### **ACCESSORIES**

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)





## **Switching 10/100 Mbps Media Converter Module**

McLIM TP-TX/FX series



#### **SPECIFICATIONS**

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

