# 10/100 Mbps PoE Media Converters

**PoE McBasic LFPT series** 

## B+B SMARTWORX

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### **PRODUCT FEATURES**

- 3 convenient ports one 100 Mbps fixed fiber uplink port, one 10/100Base-T PoE/PSE port, and one 10/100 Mbps copper port
- Supports Jumbo Frames (up to 10240 bytes)
- Features configurable PoE reset on Fiber Loss of Signal (LOS)
- Supports LFPT, a diagnostic feature that can be enabled to assist the end user in troubleshooting a failed segment
- Supports IEEE 802.3af PoE (15.4W) standards

The PoE McBasic LFPT is the perfect solution for network applications that require Power-over-Ethernet (PoE) for locations inside buildings where PoE is required to power an Ethernet device. The PoE McBasic LFPT serie offers three ports: one 100 Mbps fiber uplink for the network connection, one PoE/PSE 10/100Base-T copper port that provides Power-over-Ethernet, and one 10/100 Mbps copper port to connect a non-PoE unit to the same fiber uplink.

As a fiber-fed media converter, it provides both power (up to 15.4 Watts) and data to a single remote device over standard CAT5, eliminating the need for additional power to the device. The copper ports Auto Negotiate to the connected device's speed and duplex mode: 10 Mbps or 100 Mbps, and HDX or FDX (including Flow Control). Additionally, the PoE McBasic LFPT supports jumbo frames up to 10240 bytes.

The PoE McBasic's LFPT small, table-top design and durability makes it ideal for installation anywhere space is limited. Additionally, the PoE McBasic comes with an internal AC power supply. A Link Fault Pass Through (LFPT) DIP switch is located on the bottom of the unit, to enable for link LED troubleshooting.

#### ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
PoE McBasic L	.FPT				
852-11712	MM850-ST	1	2 km	2	RJ45
852-11713	MM850-SC	1	2 km	2	RJ45
852-11715	MM1300-SC	1	5 km	2	RJ45
852-11716	SM1310/PLUS-ST	1	40 km	2	RJ45
852-11717	SM1310/PLUS-SC	1	40 km	2	RJ45

ACCESSORIES 895-39226 - Rackmount Bracket 895-39227 - Wallmount Brackets 895-39949 - Rackmount Shelf

> All product specifications are subject to change without notice. PoE-McBasic-LFPT\_4517ds



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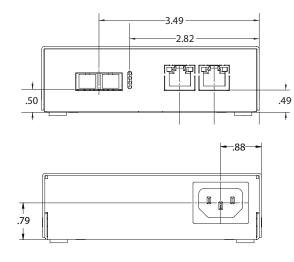
### **SPECIFICATIONS**

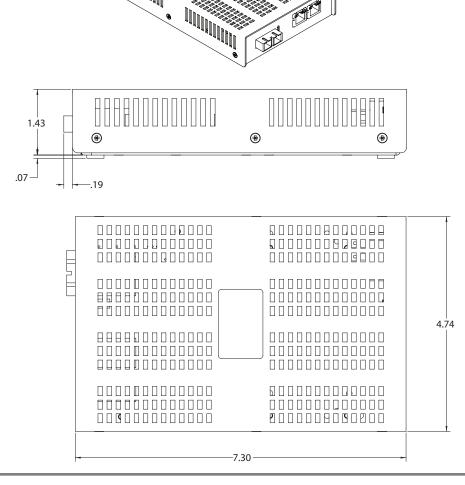
TECHNICAL
IEEE 802.3 10Base-T twisted-pair
IEEE 802.3u 100Base-TX twisted-pair
IEEE 802.3af Power-over-Ethernet (PoE)
IEEE 802.3u Auto Negotiation
RFC-2474
RFC-2475 DiffServ QoS
Plug-and-play operation
Accepts RJ-45, SC and ST connectors
50/125µm or 62.5/125µm multi-mode fiber
9/125µm single-mode fiber
Single-strand fiber and CWDM models
FX and TX Auto Negotiation
AutoCross for MDI/MDIX
MTU: Supports jumbo frames up to 10240 bytes
Link Fault Pass Through (LFPT) DIP switch

MECHANICAL				
Dimensions	1.46"H x 4.76"W x 7.32"D (3.71 cm x 12.09 cm x 18.59 cm)			
Shipping Weight	1.3 lbs (0.58 kg)			
INPUT SPECIFICATIONS				
100-240 ±10% VAC, 50/60Hz, 0.5A to 0.2A				
POWER CHARACTERISTICS				
Consumes less than 10 Watts (heating) plus PSE power				
IEEE802.3af Power to field <15.4 Watts				
ENVIRONMENTAL				
Operating Temperature	+32° to +122° F (0° to +50° C)			
Storage Temperature	-40° to +185° F (-40° to +85° C)			
Operating Humidity	5% to 95% (non-condensing)			
REGULATORY APPROVALS				
FCC Class A				
UL/cUL, CSA, CE				



units = inches







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