

# 1000 Mbps Compact Media Converter

## McBasic Gigabit (LFPT) series

B+B SMARTWORX

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### PRODUCT FEATURES

- 1U high, internal power supply stand-alone device
- Available for multi-mode or single-mode fiber
- LinkLoss, FiberAlert and Link Fault Pass Through diagnostic features
- Converts 1000 Mbps twisted-pair to 1000 Mbps fiber
- Status LEDs for connectivity and fault conditions

The McBasic Gigabit is an unmanaged Gigabit media converter. Its sturdy design includes a highly reliable internal power supply and plenty of ventilation to support long-time performance in the field. It is set to Auto Negotiation by default, but can also be set to a Force-node for legacy devices.

The McBasic Gigabit includes troubleshooting features such as LinkLoss, FiberAlert, and Link Fault Pass Through (LFPT) which can be enabled by DIP switches. These diagnostic features allow the network administrator to quickly identify network faults.

The McBasic Gigabit includes AutoCross on the twisted-pair port and the fiber port is available in single-mode and multi-mode.

### ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
<b>McBasic Gigabit (LFPT)</b>					
855-11913	SX-MM850-SC	1	220/550 m	1	RJ45
855-11914	LX-SM1310-SC	1	15 km	1	RJ45

### ACCESSORIES

895-39226 - Rackmount Bracket

895-39949 - Rackmount Shelf

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

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### SPECIFICATIONS

TECHNICAL	
Includes AutoCross on the copper port	
Includes fixed, internal AC power	
50/125µm or 62.5/125µm multi-mode fiber	
9/125µm single-mode fiber	
Includes diagnostic LEDs	
IEEE 802.3ab 1000Base-T twisted-pair	
IEEE 802.3z 1000Base-LX or SX fiber	
Features Link Fault Pass-Through (LFPT) and FiberAlert	
CONNECTORS	
RJ45 and SC	
Supports half- and full-duplex operation	
MTU: up to 10000 bytes	

MECHANICAL	
Dimensions	4.2H x 12.17W x 18.71D cm (1.64H x 4.75W x 7.3D in)
Shipping Weight	0.77 kg (1.7 lb)
POWER RATING	
100-240 VAC, 50/60Hz, 1.0A	
ENVIRONMENTAL	
Operating Temperature	+32 to +122 °F (0 to +50 °C)
Storage Temperature	0 to +160 °F (-20 to +70 °C)
Operating Humidity	5 to 95% (non-condensing)
REGULATORY APPROVALS	
FCC Class A	
UL/cUL, CSA, CE	
MEANTIME BEFORE FAILURE (MTBF)	
MTBF	1.9 million hours

### MECHANICAL DIAGRAM

units - inches

