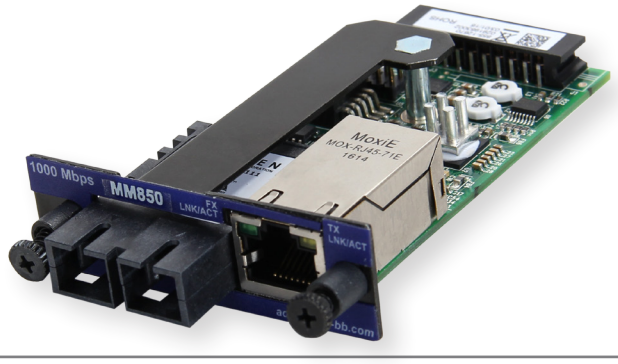
1000 Mbps Media Converter Module

McGigabit

B+B SmartWorx
Powered by ADVANTECH
www.advantech-bb.com



PRODUCT FEATURES

- Modular, hot-swappable architecture reduces operational costs associated with product installations, upgrades and maintenance
- One 1000 Mbps twisted pair port with and RJ-45 connector
- One 1000 Mbps fiber port with SC connector
- Plug-and-play operation
- Installs in any MediaConverter Chassis series

Your network is growing and many new access points, workstations, etc. are required. An unmanaged 1000Base-T to fiber converter, offering Plug and Play, and supporting jumbo frames, can be installed in a one, four, eight or twelve slot MediaConverter Series chassis. The chassis are 1U high, and the horizontal modules such as the McGigabit can be easily installed in any available slot. When copper-to-fiber conversions are required, along with advanced troubleshooting features, our MediaConverter Series is the perfect solution.

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ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
McGigabit					
855-12670	MM850-SC	1	220/550 m	1	RJ45
855-12691	MM1300-SC	1	2 km	1	RJ45
855-12671	SM1310-SC	1	15 km	1	RJ45
855-12672	SM1310/PLUS-SC	1	40 km	1	RJ45
SINGLE-STRAND FIBER *					
855-12674	SSLX-SM1310-SC	1	15 km	1	RJ45
855-12675	SSLX-SM1550-SC	1	15 km	1	RJ45

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

ACCESSORIES

851-10901 - 1-slot Chassis

851-10904 - 4-slot Chassis

851-10908 - 8-slot Chassis

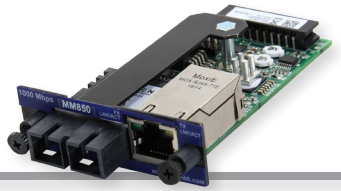
851-10912 - 12-slot Chassis

All product specifications are subject to change without notice.

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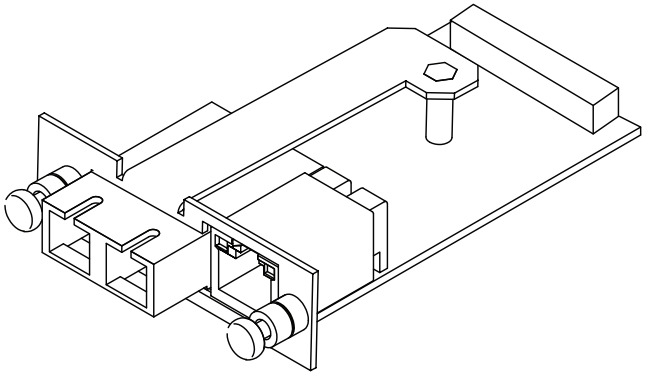
SPECIFICATIONS

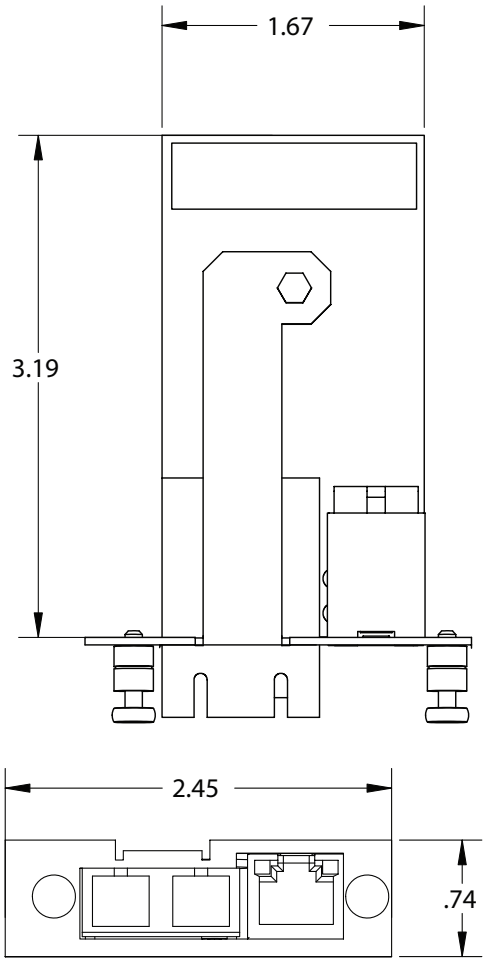
TECHNICAL
Install in any MediaConverter chassis
50/125µm or 62.5/125µm multi-mode fiber
9/125µm single-mode fiber
Include diagnostic LEDs
Include hot-swappable architecture
1000Base-T twisted pair
1000Base-LX or SX fiber
AutoCross for MDI/MDIX
CONNECTORS
RJ-45 and SC
Supports half- and full-duplex operation

MEANTIME BEFORE FAILURE (MTBF)	
MTBF	694,362 hours
MECHANICAL	
Dimensions	0.75H x 2.50W x 4.0D inches (2.20 x 6.41 x 10.25 cm)
Shipping Weight	0.7 lbs. (0.3 kg)
ENVIRONMENTAL	
Operating Temperature	+32 to +122 °F (0° to +50 °C)
Storage Temperature:	-13 to +158 °F (-25 to +70 °C)
Operating Humidity	5% to 95% (non-condensing)
REGULATORY APPROVALS	
FCC Class B	
UL/cUL, CSA, CE	
MEANTIME BEFORE FAILURE (MTBF)	
MTBF	694,362 hours

MECHANICAL DIAGRAM

(dimensions in inches)





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