1000 Mbps Media Converter Module

McGigabit

PRODUCT FEATURES

- Modular, hot-swappable architecture reduces operational costs associated with product installations, upgrades and maintenance
- One 1000 Mbps twisted pair port with and RJ45 connector
- One 1000 Mbps fiber port with SC connector
- 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, along with advanced troubleshooting features, our MediaConverter Series is the perfect solution.

MediaConverter Series enables you to easily and cost-effectively connect one type of media to other dissimilar media or networking products. This series increases the functionality and extends the productive life of both your legacy cabling infrastructure and networking equipment when adding fiber to your network.

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
855-12673	SM1550/LONG-SC	1	80 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
855-12694	SSBX-SM1310/PLUS-SC	1	10 km	1	RJ45
855-12695	SSBX-SM1490/PLUS-SC	1	10 km	1	RJ45
855-12676	SSLX-SM1310/PLUS-SC	1	40 km	1	RJ45
855-12677	SSLX-SM1550/PLUS-SC	1	40 km	1	RJ45
855-12696	SSBX-SM1310/PLUS-SC	1	30 km	1	RJ45
855-12697	SSBX-SM1490/PLUS-SC	1	30 km	1	RJ45
855-12686	SSLX-SM1490/LONG-SC	1	70 km	1	RJ45
855-12687	SSLX-SM1550/LONG-SC	1	70 km	1	RJ45
855-12688	SSLX-SM1490/XLONG-SC	1	80 km	1	RJ45
855-12689	SSLX-SM1550/XLONG-SC	1	80 km	1	RJ45

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

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
RJ45 and SC
Supports Half- and Full-Duplex operation

| MECHANICAL	
Dimensions	0.75"H x 2.50"W x 4"D (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	

MECHANICAL DIAGRAM

(dimensions in inches)

B&B ELECTRONICS

orders@bb-elec.com
support@bb-elec.com

International Office: 707 Dayton Road PO Box 1040 Ottawa, IL 61350 USA   815-433-5100 Fax 433-5104
European Office: Westlink Commercial Park Oranmore Co. Galway Ireland   +353 91 792444 Fax +353 91 792445
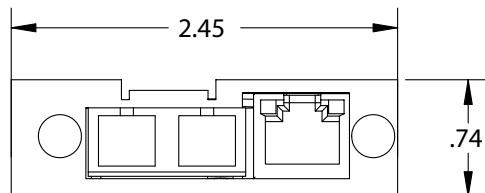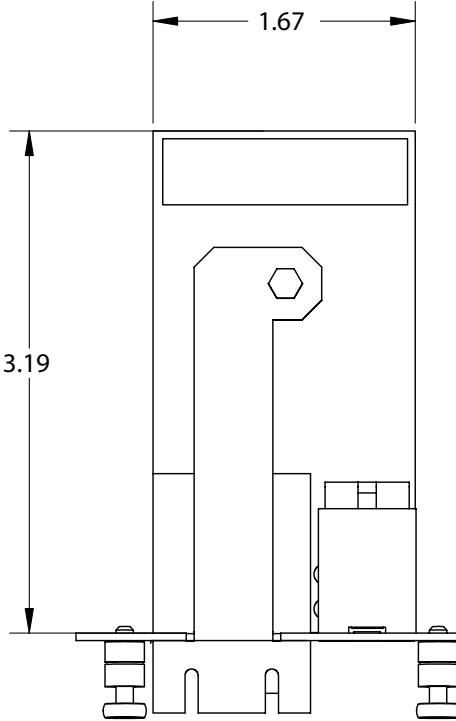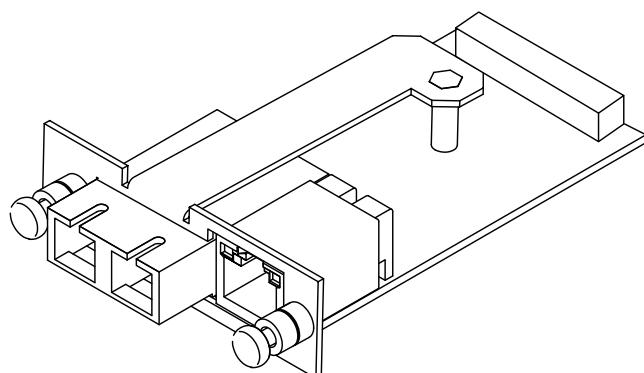
Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[B+B SmartWorx](#):
  [855-12677](#) [855-12686](#) [855-12694](#) [855-12674](#) [855-12670](#) [855-12672](#) [855-12675](#) [855-12691](#) [855-12696](#) [855-12695](#) [855-12671](#) [855-12697](#) [855-12687](#) [855-12673](#) [855-12676](#)