10 Mbps Ethernet Media Converter

iMcV-PIM

PRODUCT FEATURES

- Available for multi-mode or single-mode fiber
- Double fiber capacity with single-strand fiber versions
- Monitor links and receive vital traffic and health information and notification should problems occur
- Modular, hot-swappable architecture reduces operational costs associated with product installation, upgrades and maintenance
- SNMP Manageable
- Convert 10 Mbps Copper to 10 Mbps Fiber

Satisfying today's networking needs while preparing for tomorrow's cabling requirements can make designing and installing the physical layer of networks a daunting task. The decreasing cost of fiber optic cabling and switching equipment makes all-optical LANs the obvious choice when future-proofing network equipment. Replacing legacy equipment and wiring infrastructure is a costly choice. Managed media conversion allows implementation of new technologies on existing networks, while monitoring all connections, to keep networks running and up-to-date.

B&B Electronics offers a wide range of SNMP-managed Ethernet copper to fiber media converters, with a choice of fixed rate or rate conversion capabilities. The "iMcV-" modules also include troubleshooting features and LEDs to assist in network diagnostics as well as make isolating cable breaks easier. In addition, replacing the hot-swappable modules won't disable other modules services running within the same chassis during product upgrades or maintenance and troubleshooting.

All converters feature an RJ-45 copper port and a fiber port, with a choice of SC or ST connectors.

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
iMcV-PIM 10 Mbps					
850-14940	MM850-ST	1	2 km	1	RJ45
850-14941	MM850-SC	1	2 km	1	RJ45
850-14942	MM1300-ST	1	2 km	1	RJ45
850-14943	MM1300-SC	1	2 km	1	RJ45
850-14944	SM1310/PLUS-ST	1	40 km	1	RJ45
850-14945	SM1310/PLUS-SC	1	40 km	1	RJ45
850-14946	SM1310/LONG-ST	1	40 km	1	RJ45
850-14947	SM1310/LONG-SC	1	40 km	1	RJ45
850-14949	SM1550/LONG-SC	1	80 km	11	RJ45

iMcV-PIM also available in CWDM Fiber. Call for details.

iView: Windows 2000/XP/Vista/Win7

SPECIFICATIONS

TECHNICAL
10Base-T twisted pair
10Base-FL fiber
MDI/MDIX switch
Features LinkLoss and FiberAlert
Connectors: RJ-45 and ST, SC
50/125µm or 62.5/125µm multi-mode fiber
9/125µm single-mode fiber
Install in any iMediaChassis or MediaChassis
Support GUI-Based iView²
Support Half- and Full-Duplex operation
Include diagnostic LEDs
Include hot-swappable architecture

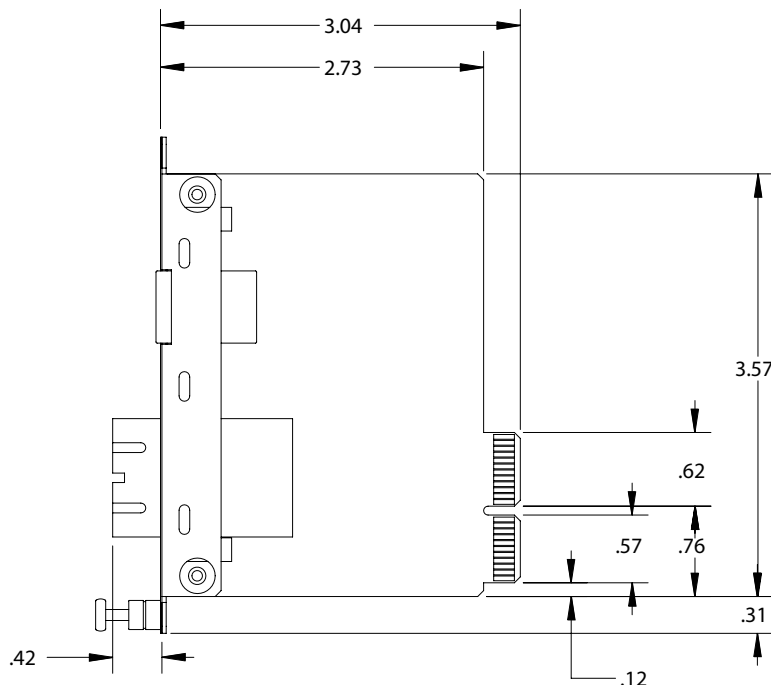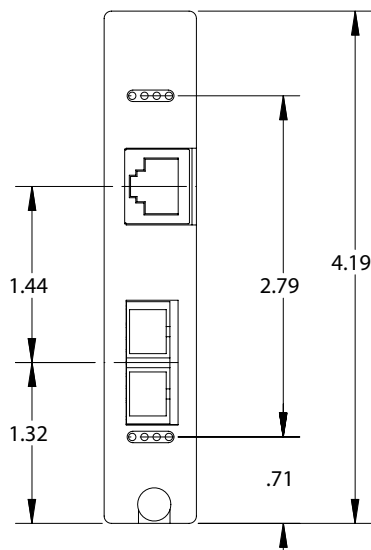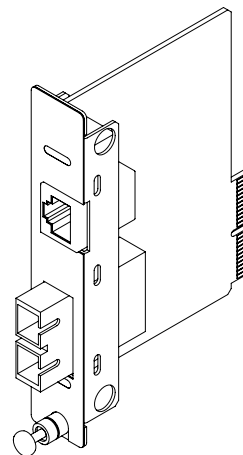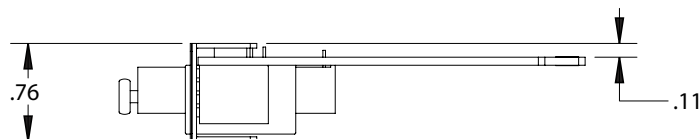| MECHANICAL	
Dimensions	4.19"H x 0.78"W x 2.75"D (10.74 x 2 x 7.05 cm)
Shipping Weight	0.30 lbs (.11 kg)
ENVIRONMENTAL	
Operating Temperature:	+32° to +122° F (0° to +50° C)
Storage Temperature:	-13° to +158° F (-25° to +70° C)
Operating Humidity	5% to 95% (non-condensing), 0 – 10,000 ft. altitude
REGULATORY APPROVALS	
FCC Class A	
CE	

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

B&B ELECTRONICS

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