



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

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SPECIFICATIONS

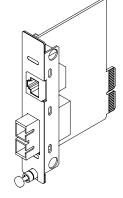
TECHNICAL			
10Base-T twisted pair			
10Base-FL fiber			
MDI/MDIX switch			
Features LinkLoss and FiberAlert			
Connectors: RJ-45 and ST, SC			
50/125µm or 62.5/125µm multi-mode fiber			
9/125µm single-mode fiber			
Install in any iMediaChassis or MediaChassis			
Support GUI-Based iView ²			
Support Half- and Full-Duplex operation			
Include diagnostic LEDs			
Include hot-swappable architecture			

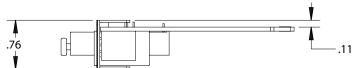
MECHANICAL DIAGRAM

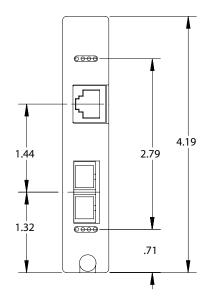
(dimensions in inches & millimeters)

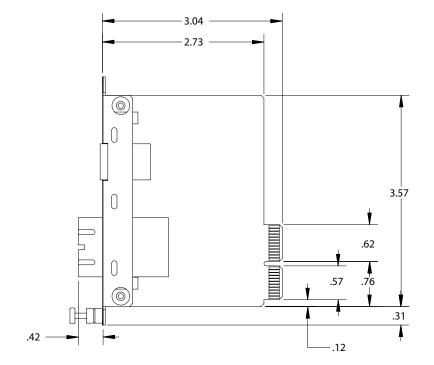
MECHANICAL				
Dimensions	4.19"H x 0.78"W x 2.75"D (10.74 x 2 x 7.05 cm)			
Shipping Weight	0.30 lbs (.11 kg)			
ENVIRONMENTAL				
Operating Temperature:	+32° to +122° F (0° to +50° C)			
Storage Temperature:	-13° to +158° F (-25° to +70° C)			
Operating Humidity	5% to 95% (non-condensing), 0 – 10,000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

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