

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 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)

