



Protocol-Independent, SNMP-Manageable Fiber Mode Conversion Modules

iMcV-S2MM



PRODUCT FEATURES

- Includes protocol-independent operation
- Converts multi-mode to single-mode fiber
- Supports 10 Mbps Ethernet to 155 Mbps or 1.25 Gbps Gigabit Ethernet

In today's dynamic networks, changing requirements are a fact of life. The multi-mode fiber products and cabling which were the most cost-effective and sound choice for your network yesterday may no longer give you the flexibility you require when adding remote offices today. Easily overcome the distance limitations inherent to multi-mode fiber by converting to single-mode fiber. Fiber mode converters are the solution.

Extend the reach of your network without replacing multi-mode fiber equipment. As an economical alternative to using a switch with single-mode fiber ports, simply install an IMC Networks fiber mode converter into your multi-mode fiber network. This enables you to easily connect to single-mode cabling and achieve distances up to 80 km. Our fiber mode converters also give you the flexibility to add single-mode fiber links only where needed. The iMcV-S2MM fiber mode conversion modules includes:

- Converts multi-mode to single-mode fiber
- Supports 10 Mbps Ethernet to 155 Mbps or 1.25 Gbps Gigabit Ethernet

Hot-swappable fiber mode conversion modules significantly reduce operation costs by allowing other modules within the same chassis to remain up and running during product upgrades, maintenance and troubleshooting.



iView: Windows 2000/XP/Vista/Win7

ORDERING INFORMATION

| MODEL NUMBER | DESCRIPTION PORT 1 | DISTANCE PORT 1 | DESCRIPTION PORT 2 | DISTANCE PORT 2 |
|--|---------------------------------------|-----------------|--------------------|-----------------|
| iMcV-S2MM/155 (Single-mode to Multi-mode) | | | | |
| 850-14520 | SM1310/PLUS-ST | 40 km | MM1300-ST | 5 km |
| 850-14530 | SM1310/PLUS-SC | 40 km | MM1300-SC | 5 km |
| 850-14540 | SM1310/LONG-ST | 40 km | MM1300-ST | 5 km |
| 850-14550 | SM1310/LONG-SC | 40 km | MM1300-SC | 5 km |
| 850-14555 | SM1550/LONG-SC | 80 km | MM1300-SC | 5 km |
| 850-14560 | SM1310/PLUS-ST | 40 km | MM850-ST | 2 km |
| 850-14570 | SM1310/PLUS-SC | 40 km | MM850-SC | 2 km |
| 850-14580 | SM1310/LONG-ST | 40 km | MM850-ST | 2 km |
| 850-14590 | SM1310/LONG-SC | 40 km | MM850-SC | 2 km |
| 850-14595 | SM1550/LONG-SC | 80 km | MM850-SC | 2 km |
| Single-Strand Fiber | | | | |
| 850-14532 | SSFx-SM1310-SC (1310xmt/1550rcv) | 20 km | MM1300-SC | 5 km |
| 850-14533 | SSFx-SM1550-SC (1550xmt/1310rcv) | 20 km | MM1300-SC | 5 km |
| 850-14535 | SSFx-SM1310/PLUS-SC (1310xmt/1550rcv) | 40 km | MM1300-SC | 5 km |
| 850-14536 | SSFx-SM1550/PLUS-SC (1550xmt/1310rcv) | 40 km | MM1300-SC | 5 km |

ORDERING INFORMATION

| MODEL NUMBER | DESCRIPTION PORT 1 | DISTANCE PORT 1 | DESCRIPTION PORT 2 | DISTANCE PORT 2 |
|---|---------------------------------------|-----------------|--------------------|-----------------|
| iMcV-S2MM/1250 (Single-mode to Multi-mode) | | | | |
| 859-14799 | LX-SM1310-SC | 15 km | SX-MM850-SC | 220/550 m |
| 859-14800 | LX-SM1310/PLUS-SC | 40 km | SX-MM850-SC | 220/550 m |
| 859-14801 | LX-SM1550/LONG-SC | 80 km | SX-MM850-SC | 220/550 m |
| Single-Strand Fiber | | | | |
| 859-14806 | SSLX-SM1310-SC (1310xmt/1550rcv) | 15 km | SX-MM850-SC | 220/550 m |
| 859-14807 | SSLX-SM1550-SC (1550xmt/1310rcv) | 15 km | SX-MM850-SC | 220/550 m |
| 859-14808 | SSLX-SM1310/PLUS-SC (1310xmt/1550rcv) | 40 km | SX-MM850-SC | 220/550 m |
| 859-14809 | SSLX-SM1550/PLUS-SC (1550xmt/1310rcv) | 40 km | SX-MM850-SC | 220/550 m |

iMcV-S2MM also available in CWDM Fiber.

Call for details.

Protocol-Independent, SNMP-Manageable Fiber Mode Conversion Modules

iMcV-S2MM



SPECIFICATIONS

TECHNICAL

Includes protocol-independent operation
 Converts between dissimilar fiber modes and wavelengths:
 Single-Mode to Multi-Mode
 Ethernet, Fast Ethernet
 OC-12, Gigabit Ethernet and FibreChannel
 50/125µm or 62.5/125µm multi-mode fiber
 9/125µm single-mode fiber
 Available for single-strand fiber
 Connectors: ST, SC or MT-RJ
 Installs in any iMediaChassis or MediaChassis
 Supports GUI-Based iView²
 Includes diagnostic LEDs
 Includes 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

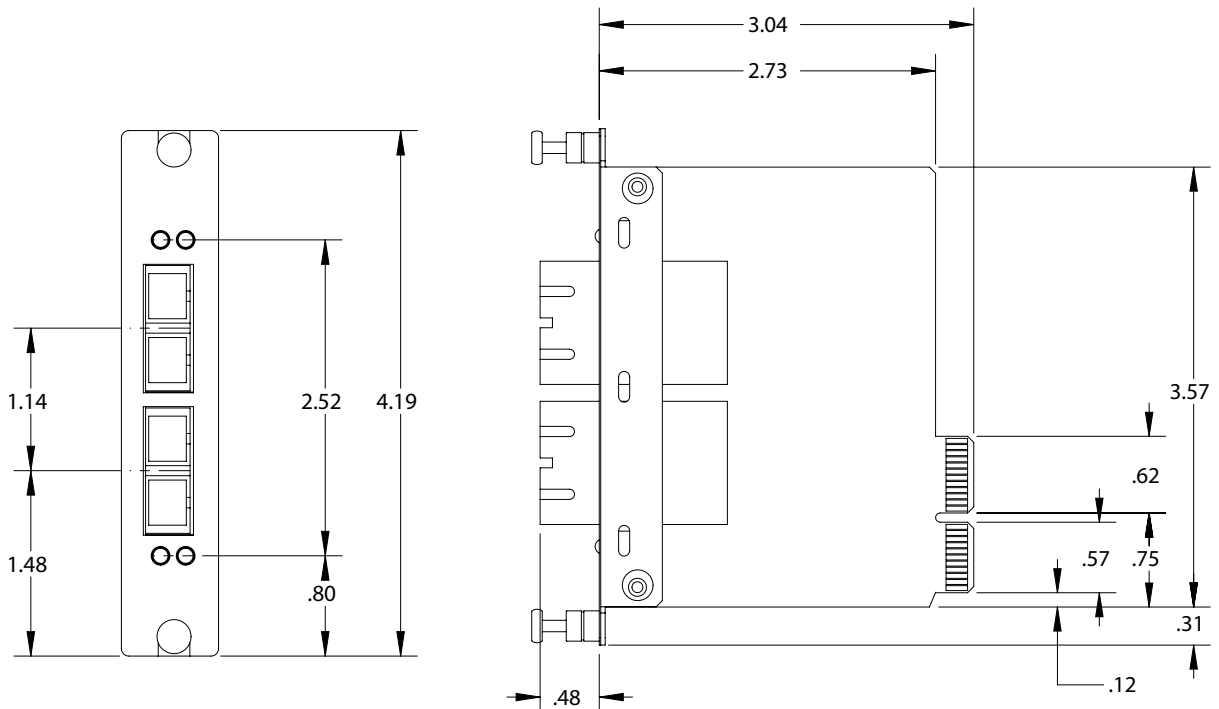
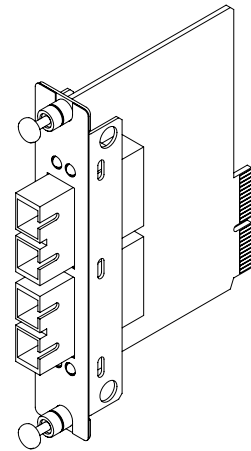
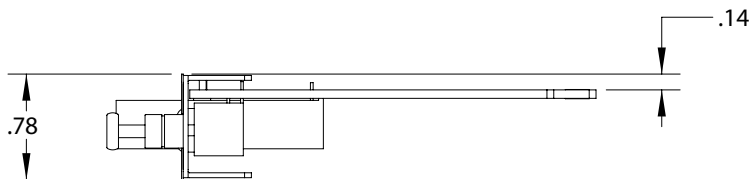
Operating Temperature: +32° to +122° F (0° to +50° C)
 Storage Temperature: -13° to +158° F (-25° to +70° C)
 Operating Humidity 5% to 95% (non-condensing),
 0 – 10,000 ft. altitude

REGULATORY APPROVALS

FCC Class A
 UL/cUL, CSA, CE

MECHANICAL DIAGRAM

(dimensions in inches)



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[4FP-AE](#) [2352903-2](#) [753-620](#) [EGU-0702-SFP-T](#) [EKI-2706G-1GFPI-BE](#) [SW-125](#) [SW-525](#) [SW-725](#) [7000-74712-4780030](#) [7000-74712-](#)
[4780060](#) [7000-74712-4780100](#) [7000-74712-4780150](#)