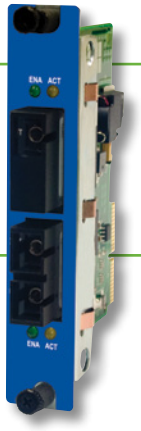
Protocol-Independent, SNMP-Manageable Fiber Mode Conversion Modules

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.

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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)