imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Protocol-Independent, SNMP-Manageable Fiber Mode Conversion Modules

iMcV-S2MM & iMcV-S2SM series



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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 from B+B SmartWorx 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 a B+B SmartWorx 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 (50 mi). These fiber mode converters also give you the flexibility to add single-mode fiber links only where needed. The iMcV-S2MM and iMcV-S2MM series fiber mode conversion modules:

- · Convert multi-mode to single-mode fiber
- Support 10 Mbps Ethernet to 155 Mbps or 1.25 Gbps Gigabit Ethernet
- · Convert single-mode fiber to single-mode fiber

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.



PRODUCT FEATURES

- Supports protocol-independent operation
- Converts multi-mode to single-mode fiber
- Converts single mode to single mode fiber

ODDEDING INFORMATION

Supports 10 Mbps Ethernet to 155 Mbps or 1.25 Gbps Gigabit Ethernet

MODEL NUMBER	DESCRIPTION PORT 1	DISTANCE PORT 1	DESCRIPTION PORT 2	DISTANCE PORT 2
iMcV-S2MM/155 – Single-mode to Multi-mode				
850-14530	SM1310/PLUS-SC	40 km	MM1300-SC	5 km
850-14555	SM1550/LONG-SC	80 km	MM1300-SC	5 km
850-14570	SM1310/PLUS-SC	40 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

MODEL NUMBER	DESCRIPTION PORT 1	DISTANCE PORT 1	DESCRIPTION PORT 2	DISTANCE PORT 2	
iMcV-S2MM/12	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	

MODEL NUMBER	DESCRIPTION PORT 1	DISTANCE PORT 1	DESCRIPTION PORT 2	DISTANCE PORT 2
iMcV-S2SM/1250 – Single-mode to Single-mode				
Single-Strand Fiber				
859-14822	SSLX-SM1310/PLUS-SC (1310xmt/1550rcv)	40 km	LX-SM1310/ PLUS-SC	40 km
859-14823	SSLX-SM1550/PLUS-SC (1550xmt/1310rcv)	40 km	LX-SM1310/ PLUS-SC	40 km



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Protocol-Independent, SNMP-Manageable Fiber Mode Conversion Modules

iMcV-S2MM & iMcV-S2SM series



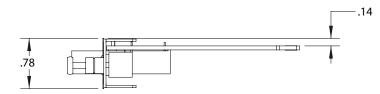
SPECIFICATIONS

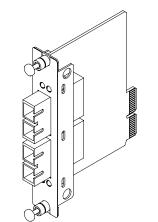
TECHNICAL
Includes protocol-independent operation
Converts between dissimilar fiber modes and wavelengths – single-mode to multi-mode, single-mode to single-mode
Ethernet, Fast Ethernet
OC-12, Gigabit Ethernet and FibreChannel
50/125µm or 62.5/125µm multi-mode fiber
9/125µm single-mode fiber
Available for single-strand fiber
Connectors: ST, SC or MT-RJ
Installs in any iMediaChassis or MediaChassis (available from B+B SmartWorx)
Supports GUI-Based iView ²
Includes diagnostic LEDs
Includes hot-swappable architecture
Includes diagnostic LEDs
MTU – supports up to 10000 bytes

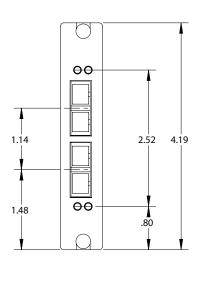
MECHANICAL		
Dimensions	10.74H x 2.0W x 7.05D cm (4.19H x 0.78W x 2.75D in)	
Shipping Weight	0.11 kg (0.30 lbs)	
ENVIRONMENTAL		
Operating Temperature:	0 to +50 °C (+32 to +122 °F)	
Storage Temperature:	-25 to +70 °C (-13 to +158 °F)	
Operating Humidity	5%to 95% (non-condensing), 0 to 10,000 ft. altitude	
REGULATORY APPROVALS		
FCC Class A		
UL/cUL, CSA, CE		
MEAN-TIME BEFORE FAILURE		
MTBF	4.9 million hours	

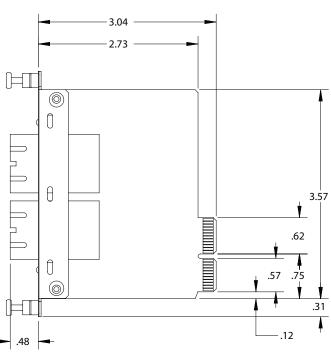
MECHANICAL DIAGRAM

units = inches











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