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.

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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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Modular Fiber Mode Converter via SFP Modules

IE-iMcV-ModeConverter series

PRODUCT FEATURES

- Interchangeable SFP modules allow for multiple fiber mode/type conversion options (single-mode, multi-mode, single-strand, long haul, short haul, etc.)
- Extended operating temperatures
- DDMI enabled SFPs support SNMP when installed in a compatible managed chassis
- Modular, hot-swappable architecture reduces operational costs associated with product installation, upgrades and maintenance
- Ideal for use with B+B SmartWorx' SFPs
- Supports a full range of SFP modules offering various transmission speeds, from 10 Mbps up to 2.4 Gbps*

The IE-iMcV-ModeConverter is an SNMP manageable module that allows network operators to incorporate multiple fiber types and wavelengths within a network. It installs in the modular, SNMP-manageable iMediaChassis series and in the unmanaged MediaChassis series.

The IE-iMcV-ModeConverters are protocol-independent with dual SFP ports which can provide a single conversion between different wavelengths or single-mode and multi-mode fiber, single-mode to single-mode fiber or multimode to single-strand single-mode fiber. The IE-iMcV-ModeConverter can support speeds of Fast Ethernet, Gigabit and FibreChannel; however, each SFP port must use an SFP of the same speed, while allowing different fiber types. Additionally, since the IE-iMcV-ModeConverter is an Industrial Equipment (IE) device, the unit operates in environments that demand extended operating temperatures.

The IE-iMcV-ModeConverter uses MSA Compliant SFP modules to provide greater fiber flexibility in the network environment. The hot-swappable nature of SFPs and the numerous fiber modes and types that are available allow for easy configuration and future upgrading as network demands evolve.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION	FIBER PORTS	DISTANCE
IE-ModeConverter SFP/SFP with AC Adapter **			
850-19500	SFP	2	Various

* Certified at 155Mbps, 1.25Mbps, 2.4Gbps achievable.

** SFP fibers sold separately - available at www.advantech-bb.com

iView²
DEVICE MANAGEMENT APPLICATION

iView: Webserver Version
Free Download

B+B SMARTWORX
Powered by ADVANTECH

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Corporate Headquarters: 707 Dayton Road, PO Box 1040 Ottawa, IL 61350 USA   815-433-5100 Fax 433-5104
European Office: Westlink Commercial Park, Oranmore Co. Galway Ireland +353 91 792444 Fax +353 91 792445

Modular Fiber Mode Converter via SFP Modules

IE-iMcV-ModeConverter series

SPECIFICATIONS

TECHNICAL
Includes two SFP ports
Protocol independent operation
Converts between dissimilar fiber modes and wavelengths
Includes diagnostic LEDs
Hot-swappable architecture
Modular form factor
Extended temperature range from -40 to +85 °C
Compatible with IB+B SmartWorx' SFPs and all standard MSA compliant SFP devices

STANDARD COMPLIANCE
SFP-MSA SFP standard (September 14, 2000)
SFF-8472 DDMI standard (Revision 1.0)

MECHANICAL	
Dimensions	10.6 x 1.98 x 6.99 cm (4.19 x 0.78 x 2.75 in)
Shipping Weight	0.11 kg (0.25 lb)

POWER
422mA with SFP ports populated (typical @ 5V)

ENVIRONMENTAL	
Operating Temperature	-40 to +85 °C (-40 to +185 °F)
Storage Temperature	-40 to +85 °C (-40 to +185 °F)
Operating Humidity	5 to 95% (non-condensing), 0 to 10,000 ft. altitude

REGULATORY APPROVALS
FCC Class A
UL/cUL, CE

MECHANICAL DIAGRAM

units = inches

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