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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10/100 Mbps Switching Media Converter

iMcV-LIM 10/100 Mbps

PRODUCT FEATURES

- Has a small, rugged design offering many advanced features
- Available for multi-mode or single-mode fiber
- LinkLoss, Transparency and Link Fault Detection features, along with LEDs, assist in diagnosing problems on fiber optic networks
- Convert 10 Mbps twisted pair to 10 Mbps fiber OR convert 100 Mbps twisted pair to 100 Mbps fiber

The iMcV-LIM 10/100 includes troubleshooting features such as LinkLoss, Transparency and Link Fault Detection that make isolating fiber breaks easier should they occur. The iMcV-LIM 10/100 also features a crossover/pass-through switch on the twisted pair connection for MDI/MDIX connectivity and diagnostic LEDs. Most iMcV-LIM 10/100 modules are available with single-strand fiber which can effectively double the capacity of fiber by allowing two individual channels to share one strand of fiber; Full-Duplex data travels on different wavelengths — 1310 nm and 1550 nm, for example.

Auto-Sensing 10/100 Mbps iMcV-LIM 10/100 converters offer significant advantages over regular 10 and 100 Mbps converters. An ideal choice for both enterprise and service provider networks, 10/100 converters save time and money when deployed at the host and remote site. Enterprise networks planning a migration path from 10 Mbps to 100 Mbps often deploy Auto Sensing converters, then upgrade when ready and units will automatically adapt to increased speed. Service providers with 10 or 100 Mbps links to customer premises can sell customers more bandwidth without upgrading the converters at the POP and the customer network edge.

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	ETHERNET PORTS	ETHERNET CONNECTOR
iMcV-LIM 10/100 TX/FX					
850-14260	MM850-ST	1	2 km	1	RJ45
850-14261	MM850-SC	1	2 km	1	RJ45
850-14262	MM1300-ST	1	5 km	1	RJ45
850-14263	MM1300-SC	1	5 km	1	RJ45
850-14267	SM1310/PLUS-ST	1	40 km	1	RJ45
850-14268	SM1310/PLUS-SC	1	40 km	1	RJ45
850-14269	SM1310/LONG-ST	1	80 km	1	RJ45
850-14270	SM1310/LONG-SC	1	80 km	1	RJ45
850-14274	SM1550/LONG-SC	1	80 km	1	RJ45
SINGLE STRAND FIBER *					
850-14240	SSFX-MM1310-SC	1	2 km	1	RJ45
850-14243	SSFX-MM1550-SC	1	2 km	1	RJ45
850-14244	SSFX-SM1310-SC	1	20 km	1	RJ45
850-14245	SSFX-SM1550-SC	1	20 km	1	RJ45
850-14246	SSFX-SM1310/PLUS-SC	1	40 km	1	RJ45
850-14247	SSFX-SM1550/PLUS-SC	1	40 km	1	RJ45
850-14248	SSFX-SM1310/LONG-SC	1	60 km	1	RJ45
850-14249	SSFX-SM1550/LONG-SC	1	60 km	1	RJ45

* These products have single-strand fiber technology. Deploy in pairs or connect another compatible B&B IMC LLC single-strand fiber product.

iMcV-LIM 10/100 Mbps also available in CWDM Fiber. Call for details.

iView: Windows 2000/XP/Vista/Win7

SPECIFICATIONS

TECHNICAL

10Base-T twisted pair
10Base-FL fiber
100Base-TX twisted pair
100Base-FX or SX fiber
MDI/MDIX switch
Features Link Fault Detection and Transparency
Features Auto Negotiation
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 B
CE

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

B&B ELECTRONICS

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