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!

Contact us

DS3/E3 Repeaters with Remote Management
iMcV-DS3/E3/STS LineTerm

PRODUCT FEATURES

- Operates at 45 Mbps (DS3), 34 Mbps (E3) or 52 Mbps (STS-1)
- Conduct Loopback tests, monitor/manage units via GUI-based iView2
- Remote unit supports secure, out-of-band management
- Available for multi-mode, single-mode fiber, and single-strand fiber
- Layer 1 modules
- PRBS test patterns
- Supports "Telco" features, including Alarm Indication Signals (AIS)
- LED Line Diagnostics

iMcV-DS3/E3/STS converters are perfect for service providers and enterprise campus networks utilizing DS3/E3/STS coaxial circuits. The modules enable users to convert coax media to single-mode fiber and extend the distance of data transmissions over MAN access networks up to 80 km. The modules support premises networking applications to convert the incoming circuit to fiber for distribution into the structured cabling system.

The Line Term modules include standards compliant for Alarm Indication Signals (AIS) for signal loss condition propagation, and are Layer 1 modules.

The LineTerm modules are installed as a HOST-REMOTE pair and can be remotely managed when the HOST is installed in an iMediaChassis with an SNMP–Management Module. This enables network managers to conduct loopback testing, to monitor, and to manage units located up to 80 km away. Since B&B Electronics' management technology functions transparently to the user data, real-time, end-to-end management is provided at all times.

iView: Windows 2000/XP/Vista/Win7

ORDERING INFORMATION

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	BNC PORTS
iMcV-DS3/E3/STS LineTerm				
850-14438	MM850-ST	1	2 km	2
850-14439	MM850-SC	1	2 km	2
850-14400	MM1300-ST	1	5 km	2
850-14401	MM1300-SC	1	5 km	2
850-14402	SM1310/PLUS-ST	1	40 km	2
850-14403	SM1310/PLUS-SC	1	40 km	2
850-14404	SM1310/LONG-ST	1	80 km	2
850-14405	SM1310/LONG-SC	1	80 km	2
850-14406	SM1550/LONG-SC	1	80 km	2
SINGLE STRAND FIBER *				
850-14410	SSFX-SM1310-SC (1310xmt/1550rcv)	1	20 km	2
850-14411	SSFX-SM1550-SC (1550xmt/1310rcv)	1	20 km	2
850-14412	SSFX-SM1310/PLUS-SC (1310xmt/1550rcv)	1	40 km	2
850-14413	SSFX-SM1550/PLUS-SC (1550xmt/1310rcv)	1	40 km	2
850-14414	SSFX-SM1310/LONG-SC (1310xmt/1550rcv)	1	60 km	2
850-14415	SSFX-SM1550/LONG-SC (1550xmt/1310rcv)	1	60 km	2

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

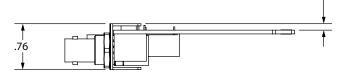**iMcV-DS3/E3/STS also available in CWDM Fiber. Call for details.**
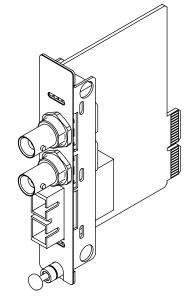
SPECIFICATIONS

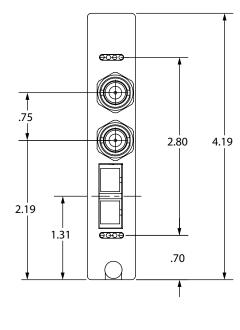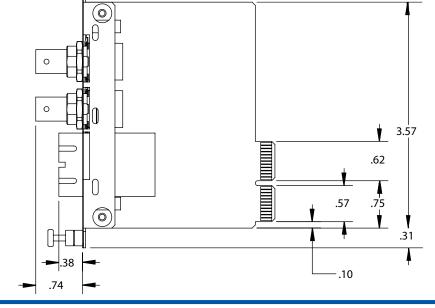| TECHNICAL |
|---|
| Protocol-Selectable — Operates at DS3 (45 Mbps), E3 (34 Mbps) or STS-1 (52 Mbps) protocols |
| Ability to manage remote unit |
| Two types of loopback tests |
| Full bit rate for customer traffic |
| Jitter attenuation |
| Line build out |
| Installs in iMediaChassis or MediaChassis chassis* |
| Supports GUI-Based iView² |
| 50/125µm or 62.5/125µm multi-mode fiber |
| 9/125µm single-mode fiber |
| Available for single-strand fiber |

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 (0.11 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	
CE	

MECHANICAL DIAGRAM

(dimensions in inches & millimeters)

B&B ELECTRONICS

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