DS3/E3/STS Line Terminating Modules - with Remote Management

iMcV-DS3/E3/STS LineTerm



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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 compliancy for Alarm Indication Signals (AIS) for signal loss condition propagation, and are Layer 1 modules. Additional alarms allow the administrator to easily troubleshoot line noise and other problems.

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 60 km away. Since B+B SmartWorx' management technology functions transparently to the user data, real-time, end-to-end management is provided at all times.

PRODUCT FEATURES

- Operates at 45 Mbps (DS3), 34 Mbps (E3) or 52 Mbps (STS-1)
- Conduct loopback tests, monitor/manage units
- 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 TDM features, including Alarm Indication Signals (AIS)
- LED Line Diagnostics

MODEL NUMBER	FIBER	FIBER PORTS	RANGE	BNC PORTS
iMcV-DS3/E3/STS	IcV-DS3/E3/STS LineTerm			
850-14401	MM1300-SC	1	5 km	2
850-14403	SM1310/PLUS-SC	1	40 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/LÓNG-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 SmartWorx LLC single-strand fiber product.



iView2: Webserver version Free Download



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ORDERING INFORMATION

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iMcV-DS3/E3/STS LineTerm



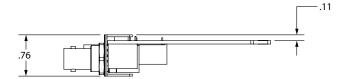
SPECIFICATIONS

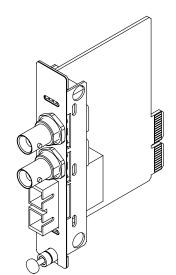
	TECHNICAL		
ĺ	Protocol-Selectable — Operates at DS3 (45 Mbps),		
E3 (34 Mbps) or STS-1 (52 Mbps) protocols			
Ability to manage remote unit			
	Two types of loopback tests		
	Full bit rate for customer traffic		
	Jitter attenuation		
	Line build out		
	Installs in iMediaChassis or MediaChassis chassis*		
	Supports Webserver-based iView ²		
	50/125µm or 62.5/125µm multi-mode fiber		
9/125µm single-mode fiber			
	Available for single-strand fiber		

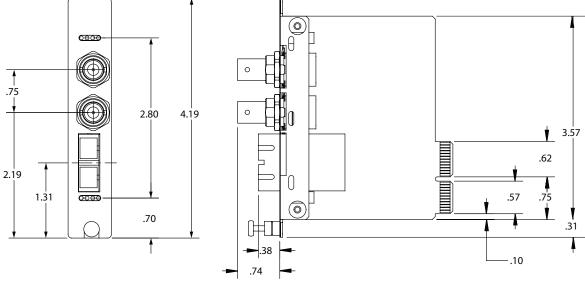
MECHANICAL				
Dimensions	4.19H x 0.78W x 2.75D inches (107.4H x 20.0W x 70.5D mm)			
Shipping Weight	0.30 lbs (0.11 kg)			
ENVIRONMENTAL	RONMENTAL			
Operating Temperature:	+32 to +122 °F (0 to +50 °C)			
Storage Temperature:	-13 to +158 °F (-25 to +70 °C)			
Operating Humidity	5 to 95% (non-condensing), 0 – 10,000 ft. altitude			
REGULATORY APPROVALS				
FCC Class A				
UL/cUL				
CE				
RMEANTIME BEFORE FAILURE	(MTBF)			
MTBF	433,422 hours			

MECHANICAL DIAGRAM

(dimensions in inches)









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