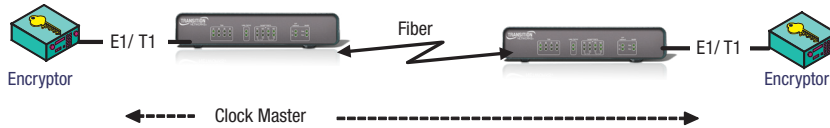


mediaband

MediaBand-1



MediaBand-1 transports a single E1/T1 G.703 circuit across a wide variety of fiber links. The same fiber can be used to simultaneously transport Ethernet services.

Features

- ▶ Highly-accurate clocking and clocking options
- ▶ Remotely manageable via Ethernet ports
- ▶ Intuitive graphical manager – no DIP switches
- ▶ Real-time Events & Alarms
- ▶ Excellent diagnostics and link performance statistics
- ▶ Robust, reliable and professional quality
- ▶ Inter-works with other members of the MediaBand family

Specifications

TDM port (E1)	(1) RJ45 connector Presents as DCE (crossed cable for DTE) 120 Ohm 75 Ohm user-selectable via converter cable G.703 unstructured HDB3 Transparent to user signaling
TDM port (T1)	(1) RJ45 connector Presents as DCE (crossed cable for DTE) 100 Ohm Unframed G.703 1.544Mbps B8ZS or AMI selectable Transparent to user signalling
Ethernet Interfaces	1 x SFP cage (module not supplied) for various fibre modes 1 x RJ45 UTP 10/100/1GE Auto-sensing or manual
Local Management Port	RJ12 Asynchronous Auto-sensing to 115kbps Also remote access via packet network
Oscillator Performance	Hold-over 24hrs 15ppb Aging per day 10ppb Temperature Stability 12ppb
IP & MAC Address	Single MAC address, IP address, subnet mask and default gateway
Configuration	Held in non-volatile memory
Power (AC)	Internal via IEC connector Auto-sensing 96VAC-240VAC Max consumption 0.2Amps RMS @230VAC MTBF 400,000hrs
Power (DC)	1. Nominal -48VDC 4mm terminal block -33VDC to -75VDC 0.35A max MTBF 1,790,000hrs 2. Nominal -24VDC 4mm terminal block -18VDC to -75VDC 0.55A max MTBF 800,000hrs
Safety	EC EN60950-1:2002 ACA TS001:1997 ACS/NZ60950:2000 AS/NZS3260:1993 IEC950
Dimensions	Width: 8.86" [225 mm] Depth: 7.86" [200 mm] Height: 1.73" [44 mm]
Environment	Operating Temperature -20°C to +55°C Humidity 10-90% non-condensing
Warranty	1 year hardware & software



Ordering Information

MB-1-AC

Single port T1/E1 converter with SFP cage plus 2 10/100/1000Mbps RJ45 ports for Ethernet transport and management. Includes serial control cable and DbManager Lite. AC Power

MB-1-24VDC

Single port T1/E1 converter with SFP cage plus 2 10/100/1000Mbps RJ45 ports for Ethernet transport and management. Includes serial control cable and DbManager Lite. 24VDC Power

MB-1-48VDC

Single port T1/E1 converter with SFP cage plus 2 10/100/1000Mbps RJ45 ports for Ethernet transport and management. Includes serial control cable and DbManager Lite. 48VDC Power

Optional Accessories (sold separately)

PB/cont

Replacement serial controller cable

PB/cpack/IP

Cable Pack for single E1/T1 PacketBand. 2m

PB/cpack/75BNC/01

120 Ohm RJ45 to 75 Ohm dual BNC conversion cable 20cm

PB/RMK/3/D

19" rack kit for 2 units side by side

PB/RMK/3/S

19" rack kit for single unit