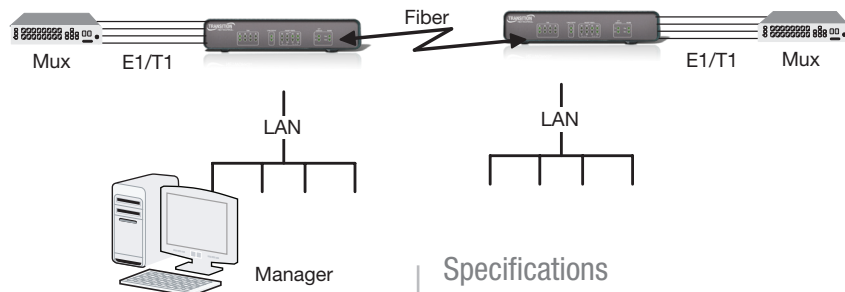**NEW PRODUCT**

mediaband

MediaBand-4

MediaBand-4 transports up to four E1/T1 circuits 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
▸ Support for multiple different clocks across the fiber
▸ Remotely manageable via Ethernet ports
▸ Distribution options across UTP
▸ 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)	(4) RJ45 connectors 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)	(4) RJ45 connectors Presents as DCE (crossed cable for DTE) 100 Ohm Unframed G.703 1.544Mbps B8ZS or AMI selectable Transparent to user signaling
Ethernet Interfaces	1 x SFP cage (module not supplied) for various fiber 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
Realtime Clock	For time-stamping Events and Alarms
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-4-AC
4 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-4-24VDC
4 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. 24 VDC Power

MB-4-48VDC
4 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. 48 VDC Power

Optional Accessories (sold separately)

PB/cont
Replacement serial controller cable

PB/cpack/2P
Cable Pack for 2-port E1/T1 PacketBand. 2m

PB/cpack/4P
Cable Pack for 4-port 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

PB/RMK/W/1
Wall mount kit

TRANSITION
NETWORKS®