

WESTICA MBM2000

FLEXIBLE E1 MULTIPLEXER

DATA SHEET



Basic Description

Now being installed in networks world-wide, the MBM2000 is an intelligent, modular and highly flexible, Add-Drop Multiplexer which provides a full range of audio, voice telephony (POTS) and digital data services to end users needing to interconnect and establish a link over an E1 circuit. The E1 interface makes the MBM2000 compatible with a large range of terminal devices (routers, switches etc) and transmission equipment. It is particularly suited to use with Westica's range of microwave radios, but connection to copper and fibre wireline networks is also possible. The main benefits to network planners are;

- Carrier grade Voice and Data integration in a small simple unit
- Cost effective Add-Drop capability, increases network efficiency
- Two aggregate interfaces give East and West transmission capability, thus enabling protected networks
- Modular High Density Service interfaces optimises multiplexer to application

Optimum Solution...

The MBM2000 Add-Drop E1 Multiplexer is an easy to configure modular package based around a single 19" shelf including user slots for up to eight Service Delivery Modules (SDM's). Should more service delivery modules be required, expansion shelves can be added. The user traffic is fully configurable over either East or West transmission ports, with software configured flexibility permitting Add-Drop, Dual-Path Protection or Ring-Protection modes.

This compact yet advanced product also includes the following additional features;

- LCT port to access simple on-board software menu-selectable configuration and diagnostics system via a user laptop or VT-100 terminal
- On-board RTU feature, supporting up to two optional plug-in I/O modules for management of alarm and control states
- Multi-function port allowing daisy-chaining of co-located multiplexers
- Network management capabilities
- Operation in a range of network topologies including Point-to-Point, Point to Multipoint, Broadcast and Omnibus solutions
- External clock source interface

Product Family...

The MBM2000 is part of a growing family of communications products designed to serve the needs of public network and commercial users. Other important network elements available include Westica's MRR800, MBR1000, MBR2000, MBR2200 and MBR4200 1.4GHz point-to-point radios, MFS2000 protection switch, MRM1500 X21 multiplexer, Video Codecs and nx2Mbit/s Cross Connect Switch. Please contact Westica for more information.

