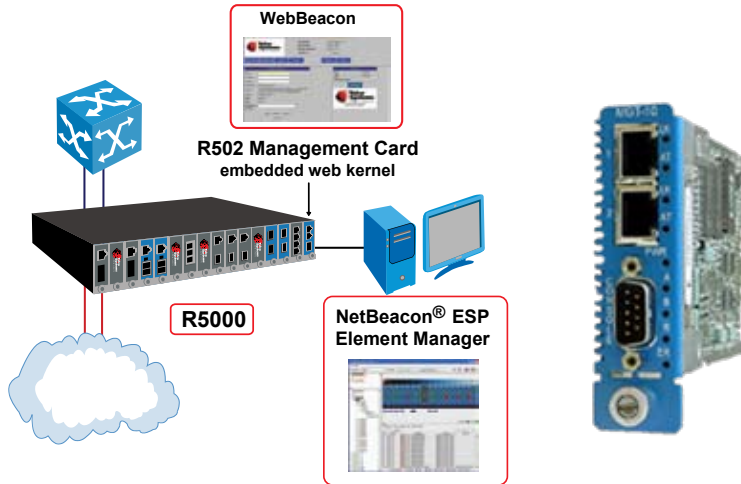


Metrobility® Management Card

SNMP agent enables element management



- Command Line Interface
- FTP and telnet interfaces
- SNMP agent for all the Metrobility chassis-based systems
- RADIUS client
- PING client and server
- Supports NetBeacon® ESP Element Manager Software and WebBeacon kernel
- NEBS Level 3 Certified

Key Applications

- Standards-based management of Metrobility chassis-based systems
- Workstation based element manager (NetBeacon ESP)
- Mid-Level Management System (WebBeacon)

The Metrobility R502 management card is the SNMP agent which enables management of Metrobility® chassis-based systems by Telco Systems. Connected through the backplane to other modules in the platform, the management card is configured to gather statistical information from the entire chassis.

Used in conjunction with the Metrobility NetBeacon® ESP element management software, or any SNMP application, the management card delivers individual board status directly to the network administrator. A web kernel embedded in the card enables WebBeacon software, a browser-based application for web-based management of the Metrobility network devices.

The management card offers a **Command Line Interface** to enable network managers to communicate with the card through familiar commands such as 'set', 'show', etc. The management card also provides the ability for FTP software upgrades and telnet capabilities for added flexibility.

The R502-M management card supports the entire line of the Metrobility platforms and service, access and interface line cards. It offers a 50MHz processor, 16Mbytes memory and two Ethernet interfaces. Each Ethernet interface has a unique IP address and subnet mask, and the management software can access all MIB data through either interface.

Specifications

Internet Protocol RFC 791

Data Rate

- Address Resolution Protocol RFC 826
- SNMP v1, v2c, v3
- MIB-II RFC 1213*
- Booth Protocol (BOOTP)
- File Transfer Protocol (FTP)
- Reverse Address Resolution Protocol

Standards Compliance

- NEBS Level 3

Safety and EMC Compliance

- UL, CSA, CE
- Doc Class A (emissions)
- EN55022 Class A (emissions)
- EN55024:1998 (immunity)
- FCC Part 15 Class A

General

- Weight 3.2 oz (0.09kg)
- Power +5V @ 1A 5W

Environmental

- Operating Temp 0°C to 50°C
- Operating Humidity 5% - 95% non-condensing

Ordering Information

Part Number	Description
R502-M	Management Card with dual Ethernet interfaces
	One DB-15 and two RJ-45 connectors
Hardware requirements	
The R502-M management card requires one slot in the following Metrobility chassis:	
R5000-17HS	17-slot chassis, rack-mountable
R1000-xx	2-slot chassis, rack-mountable
R400-02HS-1A	2-slot chassis