

Apogee 2050E External SNMP Management System



- Remote management and Telnet/CLI Interface
- Field upgradeable supports legacy Sat-Light modules
- Event logging and storage of last 54 events
- Configurable trap destinations
- TFTP firmware upgrade capabilities
- Module/port zoom-in provides full setup and motitoring capabilities
- Hot swappable

The Apogee 2050E External SNMP Management System provides support for all Sat-Light fiber optic modules, redundancy switches and power supplies. The Apogee 2050E is a standalone unit with an integrated graphical SNMP manager. The Java-based graphical administrative tool is accessible via standard web or MIB browsers.

Apogee supported alarms include transmitter and receiver RF and optical faults. Monitoring features include power supply, ambient temperature and RF/optical input and output power. The status of all the links' operational status is displayed and by clicking on each module; the unit's RF or optical level is then displayed in dBm. The graphical interface provides an exact representation of Sat-Light modules residing in the 3U shelf.

The Apogee 2050E has an RS-232 port for initialization and security settings. An Ethernet port on the back of the unit connects to the user's LAN.

The open architecture of Apogee's MIB offer management via built-in GUI or on a number of third-party management systems such as HP OpenView, IBM Tivoli, CA Unicenter.

The Apogee 2050E External Management System comes with two serial cables. Each 2050E module derives DC power from the backplane of the chassis via the supplied serial cables. The optional 2052M 1U tray is available and can accommodate up to three units.



Apogee Graphic User Interface

2050E Management		
Supported MIBs	RFC-1213 (MIB-II) Private MIBs	
Local/CLI	For initial setup and Telnet	
Web Application Specifications		
Can be run on Microsoft Windows 98/NT/2000/XP, Sun Solaris, HP-UX, IBM-AIX, Linux MAC OS, running on PCs, SUN, HP, IBM, and MAC workstations and servers		
Can be linked to Enterprise management systems such as HP/OV, IBM Tivoli, CA Unicenter, etc.		
Supports SNMPv2C and MIB II standards		
All other management data is represented by a series of private MIB file		
General Specifications		
Connectors	Safety and Emissions	
RJ-45: out of band 10/100M Ethernet connector	CE, FCC Part 15, EN60950	
DB9: RS-232 CLI/Telnet (DCE) VT100 compatible	Standards Compliance	
	IEEE802.3: 10BaseT Ethernet, 100BaseT Ethernet	
LEDs	Environmental Specifications	
System Alarm	Operating Temperature	0 to 45° C
Proc. Power Supply	Storage Temperature	-40 to 85° C
Link Status	Humidity	10 to 90%, non-condensing
Link Activity		
Capabilities		
Special Features	Module Slot Parameters	
Configuration storage	User Assigned name, module level setup (redundancy, etc.)	
Power management		
Chassis Parameters	Port Parameters	
System information: system and user defined identification	Identification: user identified port name, system assigned port description	
Hardware monitoring: voltage and temperature	Setup and operation: status, mode, speed	
	Traffic monitoring: link status, activity status, collision, priority, Tx/Rx frames, error frames	

2050E System Specifications



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