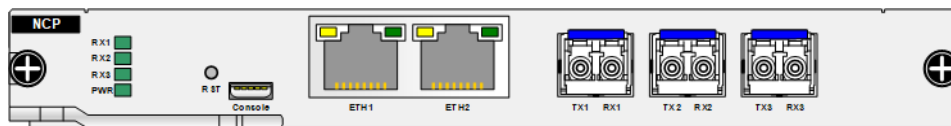## TYPE: Sepitam-NMS-OTN
network management board

Description

Sepitam-NMS-OTN is a network management function module. It is specially designed for OTN1000 series products. The main function is to provide interfaces for equipment and network management system. The module, together with the OTN1000 series NMS network management system, completes management and maintenance of every board and transmission of management signal, and realizes the real-time monitoring, maintenance and management for equipment network elements and the whole synchronous equipment network. Thus it offers a good solution for equipment monitoring.

Product diagram

Product features

♦ Adopt the high speed ARM processor, provide powerful data processing ability, collect state information, alarm events and performance parameters of all single-board functional modules to transform, process and store, and also transmit the control and management information to other functional modules of the equipment at the same time;

♦ Provide 1 Console interface, support simulation terminal operation;

♦ Provide 2 SNMP interfaces, support graphical SNMP support based on IP modes;

♦ Provide 3 SFP optical transceiver interfaces, support equipment in-band management, realize processing of 3 optical monitoring channels, complete the reception and transmission of optical monitoring signals from every station;

♦ Network management module supports hot plug. The normal working of the current service module will not be affected even it failures.
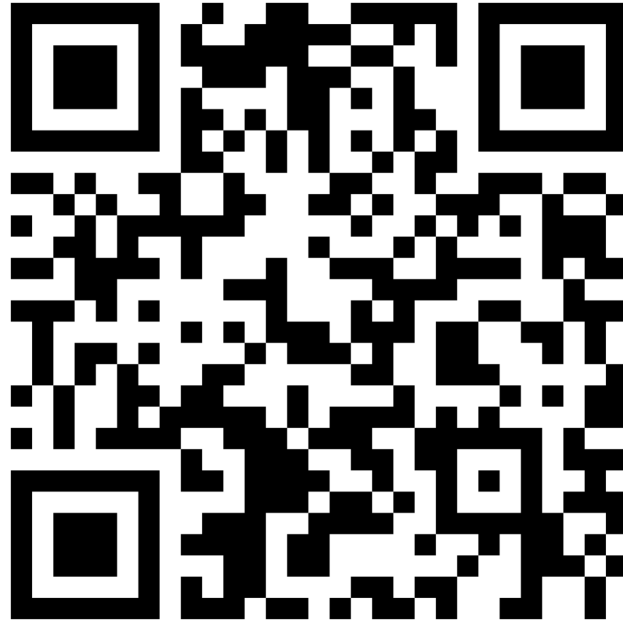
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Product specification

Product Model	Sepitam-NMS-OTN
Occupied slot number	Occupy 1 slot, suitable for the whole OTN1000 series platform
local management serial port	Support a Micro-USB serial port of local management
Remote management ports	Support two RJ45 Ethernet ports, self adaptive to 10/100/1000M
OSC optical monitoring port	Support three pluggable optical port SFP, with LC type interface
Network management way	Support a variety of network management ways of CLI, Telnet, SNMP, Web
Exchange function	Support IP communication function between equipment, realize integrated management of several sets of equipment
Protection function	Failure of hot plug network management card will not affect existing service
Maintenance functions	Support online upgrade of local or remote software
Working temperature	--10℃~+60℃
Working humidity	5%~95%
Typical power consumption	5W
MTBF	> 100000 hours

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Technical Specification of

Sepitam-NMS-OTN

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