



SEPITAM

ONE STEP SMARTER

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SEPITAM
OTU404X-QX



TYPE:

Sepitam-OTU404X-QX

Sepitam WDM multiplexers, including CWDM and DWDM, support various transmission rates and long-distance coverage while utilizing standard wavelengths. They enable the high-speed transmission of multiple services with optimized fiber utilization. Integration with OTN networks and the deployment of various modules such as EDFA, DCM, OTU, and etc. enhance the efficiency and performance of fiber optic networks, ensuring the quality and speed required by customers.



▶ TYPE: Sepitam-OEO4-10G

▶ Description:

The 10G OTU/OEO Transponder Card is a business access module developed by Sepitam for fiber optic links. It is designed to enable 3R signal regeneration for business protocols with arbitrary speeds ranging from 1.25Gbit/s to 11.3Gbit/s. It can also convert the signals into CWDM or DWDM standard wavelength optical signals, enabling wavelength-division multiplexing transmission when used in conjunction with CWDM or DWDM multiplexers/demultiplexers. It is suitable for optical communication systems such as PDH/SDH/POS/SONET/SAN/ETHERNET. This module provides a high-quality solution for addressing the scarcity of fiber resources and high fiber line loss in transmission lines.

▶ Properties:

- Supports CWDM or DWDM transmission and wavelength conversion Provide 1 Console interface, support simulation terminal operation;
- Supports multiple transmission distances: Without relay, it supports a maximum transmission distance of 120KM@1.25G, 100km@10G
- Supports 4-channel bi-directional or 8-channel uni-directional access for business protocols with arbitrary speeds ranging from 1.25Gbit/s to 11.3Gbit/s. Supports both single-mode and multi-mode client interfaces.
- Supports SNMP-based unified network management platform. Provides CLI, Web, and NetView (graphical interface) for network management.
- Supports CDR function for optimizing output signals, DDM signal monitoring, and optical signal shutdown.
- Supports software-based port shutdown feature.



► Specifications:

Product Model	Sepitam-OTU404X-QX
Maximum Board Capacity	4x10G bi-directional transmission 8x10G uni-directional transmission
Wavelength Range	CWDM: 1271~1611nm DWDM: C-Band (100GHZ or 50GHZ)
Supported Business Access Types	PDH、SDH: STM-16/STM-64、Ethernet、 SONET: OC-48/OC-192 FE、GE、10GE、1G、2G、4G、8G、10G、CPRI 1~7、POS FICON、ESCON
3R Technology	3R Functions: Re-amplifying, Retiming, Re-shaping
Network Function Management	CDR Function (Real-time DDM Monitoring) Adaptive Settings for Different Speeds Business Uni/Bi-directional Settings
Network Management	Web、NetView
Dimensions	156 (W) × 20 (H) × 225 (D) (mm)
Operating Temperature	-10 °C~ +70 °C
Storage Temperature	-40 °C~ +80 °C
Relative Humidity	5%~95%
power consumption	18W

Technical Specification of Sepitam-OTU404X-QX



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