



SEPITAM

ONE STEP SMARTER

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SEPITAM
OTU401N-QV-C



TYPE:

Sepitam-OTU401N-QV-C

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-OTU401N-QV-C

► Description:

100G QSFP28 To 4x25G SFP28 Transponder service board is a product developed by Sepitam for 103.125Gbit/s to 111.81Gbit/s optical fiber links, which can be converted into 4x25G DWDM standard wavelength optical signals on the 4-route-side roadside, and can be used with DWDM multiplexer/demultiplexer to realize wavelength division multiplexing transmission and realize 1 pair of optical fiber multiplexing 100G transmission solution.

► Properties:

- Support DWDM transmission and wavelength conversion.
- Single board supports 1 channel of bidirectional business access ranging from 103.125Gbit/s to 111.81Gbit/s.
- Supports multiple client-side business access types: 100GBASE-SR4/CWDM4/LR4/PSM4.
- Supports automatic shut-off of transmission function.
- Transparent transmission of business data.
- Hot-swappable support.
- Supports FEC functionality, optimizing output and enabling DDM signal monitoring, as well as link detection (no transmission when no receiving light).
- Supports SNMP-based unified network management platform with management interfaces including CLI (telnet and console), Web, and NetView (graphical interface).



► Specifications:

Model	Sepitam-OTU401N-QV-C
Maximum Capacity	100G<=> 4X25G DWDM
Wavelength Range	DWDM: 1529.16nm ~ 1567.14nm
Business Access Type	100GE、OTU4
Interface	Client: 1xQSFP28 Line side: 4xSFP28
Board Dimensions	156 (W) × 20 (H) × 225 (D) (mm)
Environmental Requirements	
Operating Temperature	-10~+50°C
Storage Temperature	-40~+80°C
Relative Humidity	5% ~ 95% non-condensing
Safety and EMC	Compliance with FCC, UL, CE, TUV, CSA standards
Power Consumption	<13W

Technical Specification of Sepitam-OTU401N-QV-C



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