



OTWDM 1200G OTN

Part number: DMOAP01200GOTN

◆ DESCRIPTION & FEATURES

OTWDM 1200G is the fourth generation of the shelves produced by Danial Moj Company with the capability of transporting 1200Gbps Data. This shelf has 14 slots, the first slot (CT/PI) and the last slot (CT/P2) are for power card and control card. Slots 1 to 12 are used for Transponder CFP 100G, XFP 10G-8Port Transponder, Transponder 10GSFP+, Amplifier EDFA 2P, Amplifier Raman 1P, OPM 1P Spec.Ana and OPU 4 Channels. In this type, a tray with 8 smart fans 7500RPM is installed for cooling the modules and cards. By changes in the rotation speed, these fans maintain fixed and suitable temperature for the equipment. Two control cards are used in these shelves for managing and supervisory monitoring; hence, if one of the control cards does not work for any reason, the other card will perform the duty of transmitting the supervisory data.

Specifications of the card:

Transporting traffic to 1.2 Tbps

Having Dual control cards in 1+1 form to create sustainability in transporting supervisory data

Dual Power in 1+1 form to create sustainability in providing system feed/input

Installation of shelf service cards in the shelf sides for easier installation and maintenance

Accessibility to all items through front side of the shelf

Product specification

Performance Data		Technical Indexes
Model and part number		OTWDM 1200G OTN DMOAP01200GOTN
Shelf Size		8 U: 600mm (height) x 480mm (width) x 305mm (length)
Maximum Supported slots		14 Slots
Maximum Supported Channels		DWDM: 160 wavelengths; CWDM: 18 wavelengths
Optical Spectrum		DWDM: C- Band, 100GHz or 50GHz CWDM: 1270nm~1610nm
Data Transmission Each Channel		100 Gbit/s
Supported Services		STM-1/4/16/64, OC-3/12/48/256, 100M ~ 2.5Gbps, FE/GE/10GE/100GE ESCOM, FC100/FC200/FC400/SAN
Module/Connector Type		XFP/SFP+/SFP, LC type interface
Network Topology Type		Point to point, chain type, star type, ring type, ring-with-chain type, ring-cross type, ring-tangency type
Backup and Protection	Network Level Protection	optical line 1+1 Protection
	Equipment Level Protection	Dual power 8 num fan
Working Operation Temperature Range		0oC ~ 50oC
Working Environment Humidity Range		5 ~ 90 %
Storage Temperature Range		-10~70 oC
Cooling system power		Auto fan cooling
Power Supply		DC: - 36 ~ -72 (1+1)
Power Consumption		MIN 150 MAX 600
Management Card		1+1
POWER MODULE PART NUMBER		DMAPM2X5000000
Input V		48V
Output V		5V-10A