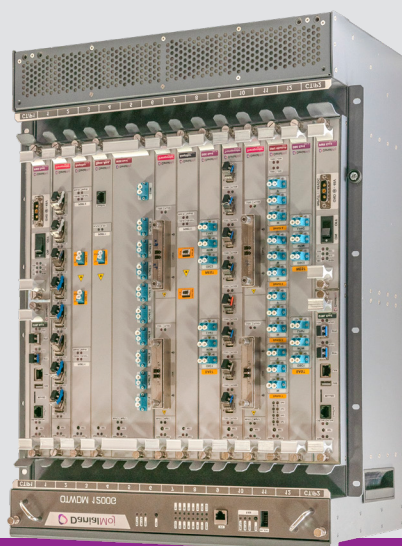


OTWDM 1200G OTN

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 Raman1P, 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-rangency type
Backup and Protection	Network Level Pro- tection Equipment Level Protection optical line 1+1 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