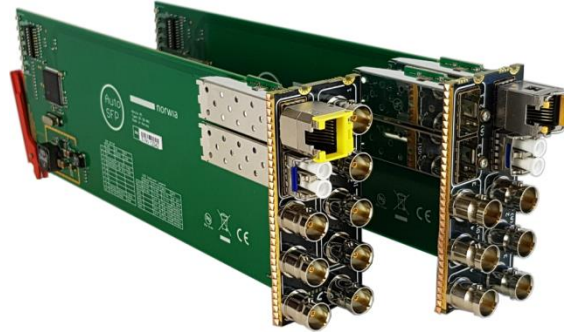


OC-2T-ETH

10G/1G Ethernet, MADI Optical Transponder, Camera Transponder and more

Data Sheet



Description

The OC-2T-ETH module is a SFP transponder card for SFP transceivers types only. This module is typically used for Ethernet Media conversion, Camera transponder or as a MADI Multimode to Single mode transponder. It supports bitrates up to 12Gbit/s. It also enables conversion into CWDM. It has a limited functionality over OC-4B-SDI, but enables a more economical solution to the XFD system.

The module can be controlled from the XFD WEB control interface (RCONmini).

Features

- Available with 18 CWDM wavelengths
- LEDs show input signal presence
- RCONmini WEB & SNMP control interface
- Optical Power Monitoring
- Backplane compatible to OC-4B-SDI
- Support bit rates up to 12Gbit/s

Part Number Options

Part Number	Temperature *)
OC-2T-ETH	32°F to +113°F
OC-2T-ETH/E	-40°F to +149°F

* Rated temperature for the complete XFD system.

Absolute Maximum Ratings

Absolute maximum ratings are those values beyond which functional performance is not intended, device reliability is not implied, and damage to the device may occur.

Parameter	Minimum	Maximum	Unit
Storage temperature (non-operating)	-40	+185	°F
Relative Humidity (non-condensing)	5	95	%

General Operating Conditions

Parameter	
Control	10 way DIP switch, GPI, WEB
LEDs	Card status, Loss of Signal.
Operating modes	<ul style="list-style-type: none">- 1310nm or CWDM depending on selected SFP type- For Gigabit Ethernet conversion: Use: ND12-GBE1000 in combination with any ND12-# optical SFP- For MAD1 Multimode to Single mode: Use: ND01-T1300-R30-MM in combination with any NV30-# transceivers or ND12-C# transceivers- For general transponder functionality: Use: any transceiver RX/TX to RX/TX (CWDM)
Number of active channels	2
Number of SFP slots	2
Number of active BNC's	0

Tranceiver Optical Characteristics

Parameter	Minimum	Typical	Maximum	Unit
Compatible SFP types	Any US transceiver type SFP			

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