

IPCOR ET1550nm Series Externally Modulated Optical Transmitter (OT).



KEY FEATURES

- World class core component : JDSU linear external modulator and DFB laser
- Optimized designed Heat Sink ensure the long life cycle.
- Dual power Supply
- AGC Select: CW , Video , Manual(No AGC)
- Dual Optical Outputs, high output power(>9dBm/port)
- Front Panel RF test port
- RS 232/ RJ 45 Communication Interface
- Front Panel LED Status Indicator and LCD Display

Overview

C-COR Broadband is promoting and implementing 99.99% reliability's CATV access network, we had successfully fulfilled some cases in the last four years. IPCOR ET1550 is one product which composes 99.99% reliability network .it was applied in long haul and long span analogue and digital CATV transmission system, it provides superior CTB and CSO performance with SBS suppression level up to 19dBm. IPCOR ET1550 is a high cost effective (efficiency/cost performance) and high reliability product.

Optical Amplifier Specifications

Performance Parameter	Specification	Unit
Wavelength	1555+/-5(ITU-grid optional)	nm
Output Power (Port1/Port2)	> 9.0/9.0	dBm
SBS Suppression	optional :13.0,16.0,19.0	dBm
Laser Line width	0.3	MHz
Laser RIN Noise Density	-160	dB/Hz
Optical Connector(1)	SC/APC(FC/APC)	----

Electrical Parameter	Specification	Unit
Channel format	PAL-60	----
Electrical Interface(2)	RS-232/RJ45	----
RF Input Level (Analog)	75-85	dB μ V/channel
Front Panel RF Gain/OMI	+0.5/-3dB from nominal setting	dB
Adjustment Range	CATV Performance can vary slightly	
Front Panel RF Tap	-20+/-1 dB down form RF input	dB
Flatness of RF Tap	1	dB
Frequency Range	45~870	MHz
Flatness(45-550Mhz)	0.5	dB
(550-870Mhz)	0.75	
Input impedance	75	W
RF Interface Categories	F	----
Input Return Loss (45-550MHz)	16(Minimum)	dB

Mechanical Parameter	Specification	Unit
Size	480(L) \times 350(w) \times 49(H)	mm
Transportation Vibration	GR-2853-CORE	----
Transportation Shock	GR-2853-CORE	----

Operating Condition	Specification	Unit
Operating Temperature	0~50	$^{\circ}$ C
Storage Temperature	-20~60	$^{\circ}$ C
Operating Humidity	20~85%	----
Power Supply Range	90~260VAC, 50/60Hz	V
Power Consumption	100(Minimum)	W

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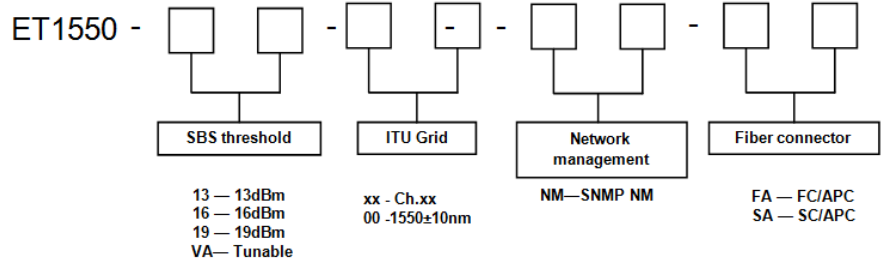
Regional Representation

Pakistan/ Korea

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General Features

Available Options:



Ordering Information

C-COR P/N: OPT5582ET155092PS

E.g. IPCOR ET1550nm External Modulated Transmitter 1GHz, Dual output 9dBm each; 1550nm+/-10nm; SNMP; 1GHz; dual power supply, SC/APC

Contact your local sales representative for product availability in your area and for other interface and option requirements.