



## Transmitter External Modulation 1550nm 1x7 dBm



link to the product:

<https://intersell.pl/gb/814-transmitter-external-modulation-1550nm-1x7-dbm.html>

Manufacturer: InterOpto

Referention number: IO-T1550-E017

### Full product description

The transmitter is characterized by:

- Great SBS (stimulated Brillouin scattering) suppression circuit with adjustable values (13, 16, 18) to suit different types of CATV,
- AGC control,
- Automatic coating temperature control,
- Internal microprocessor that has functions of laser monitoring, parameter display, network management, alarm signals, etc.
- The transmitter has RJ45 and RS232 interfaces

### TECHNICAL PARAMETERS

Optical parameters	
Wavelength [nm]	1550 ± 10
Output power [dBm]	? 7
Number of outputs	1
Optical return loss [dB]	? 60
Connector type	FC / APC <sup>1)</sup>
RF parameters	
Band [MHz]	45-862
Input level [dB]	23 ± 5 <sup>2)</sup>
Flatness [dB]	? ± 0.75 <sup>3)</sup>
Return loss [dB]	? 16 <sup>4)</sup>
Input impedance [Ω]	75
Connection string	
Channels	PAL-D (60 CH)
CNR [dB]	? 52 <sup>5)</sup>

CTB [dB]	? 65
CSO [dB]	? 65
SBS [dBm]	? 16.0 <sup>6)</sup>
<b>General parameters</b>	
Interface	RJ45, RS232
Power [V]	90-265 <sup>7)</sup>
Power consumption [W]	? 50
Working environment temperature [° C]	0 to 50 <sup>8)</sup>
Storage temperature [° C]	-20 to 85
Warranty [months]	12

- 1) Or SC / APC
- 2) AGC
- 3) 45-862 [MHz]
- 4) 45-750 [MHz]
- 5) Optical fiber 65 km
- 6) 13, 16, 18
- 7) Or -48V DC
- 8) Automatic control of the shell temperature