

1550 TRANSMITTER [OTS-2600-1550-xx-SA-x-x]

Fiber Products, Transmitters

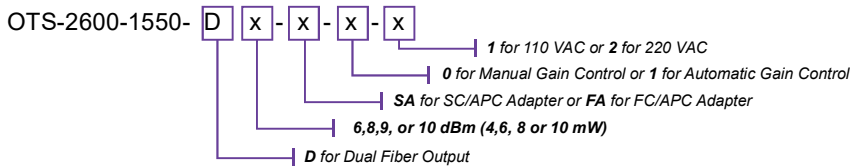


Features

- 1550 nm Satellite Direct Modulated Optical Transmitter
- RF Bandwidth: 47~862 MHz Sat + IF Bandwidth: 950~2600 MHz
- Headend 19 in. Rack Mount Enclosure
- LCD Status and Alarm Monitor Indicators on Front Panel
- Narrow Bandwidth (0.65 MHz), lower noise, DFB continuous wave laser
- Intuitive RS232 Communication Interface
- Advanced SNMP Network Management Function
- Power Supply Backup, Switches Automatically



Ordering Information



Model Number	Description	Box Weight	Output Power (dBm)
OTS-2600-1550-Dx-x-x-x	1550 nm Satellite Optical Transmitter, Dual Fiber	3 kg / 7 lb	6, 8, 9 or 10

Optical Features

Output Wavelength	1528~1563 nm ITU standard wavelength tuneable
Wavelength Adj. Range	±1.6
Wavelength Adj. Mode	In Steps of +/-0.01 nm
Wavelength Stability	(-) 1~0 (Pm/°C)
Sidemode Suppression Ratio	≥35 dB
Equivalent Noise Temperature	≤-155 dB/Hz
SBS	≥18 dBm
Optical Output Power	See table below
Optical Return Loss	≥ 50 dB
Optical Isolation	≥30 dB
Optic Connector Type	Std: SC/APC or Option: FC/APC

RF Features

RF Bandwidth	47~862 MHz
RF Input Level	15~25 dBmV (AGC optional)
RF Flatness	±0.75 dB
RF Return Loss	> 16 dB
RF Input Impedance	75 ohm
Connector Type	F type
CNR	50 dB
CTB	-63 dBc
CSO	-58 dBc ≤ 600 MHz
	-53 dBc ≥ 600 MHz

SAT-IF Features

Bandwidth	950 ~2600 MHz
Input Level	-40~-25 dBm (AGC optional)
In Band Flatness	0.5 dB (40 MHz) -2.0 ~+2.0 dB (950 ~2600 MHz)
RF Return Loss	> 10 dB
Input Impedance	75 ohm
Connector Type	F type
CNR	28 dB
CTB	-36 dBc
CSO	-36 dBc
To LNB Voltage	13/18 V
To LNB Max Current	300 mA

General Specifications

SNMP Network Management Interface	RJ45
Communication Interface	RS232
Power Supply	90 ~265 VAC (50/60 Hz) -48 VDC (30~72 VDC)
Work Temperature	0 ~ 50 °C/ 32 ~122 °F
Storage Temperature	-40~ 85 °C/ -104 ~185 °F
Relative Humidity	5~95%
Size	19"x10.5"x1.75" / 48.26 cm x 26.7 cm x 4.44 cm

Model dBm (output power of each port)

OTS-2600-1550-D6-SA-x-x	Dual Fiber Output	≥ 6
OTS-2600-1550-D8-SA-x-x	Dual Fiber Output	≥ 7.78
OTS-2600-1550-D9-SA-x-x	Dual Fiber Output	≥ 9
OTS-2600-1550-D10-SA-x-x	Dual Fiber Output	≥ 10

Service Warranty: Three Years