

Recepteur fibre 1550nm pour LNB quatre+Terrestre

This is a modular CWDM broadband RF fiber link, receiving four 950~2150MHz Satellite RF and one 88~806MHz Terrestrial TV RF over one SM fiber from one transmitter. With CWDM lasers/photodiode and low noise RF gain control circuit, thirty two TST-1550R-5 can receive high quality RF from one TST-1550T-5 optic transmitter directly.

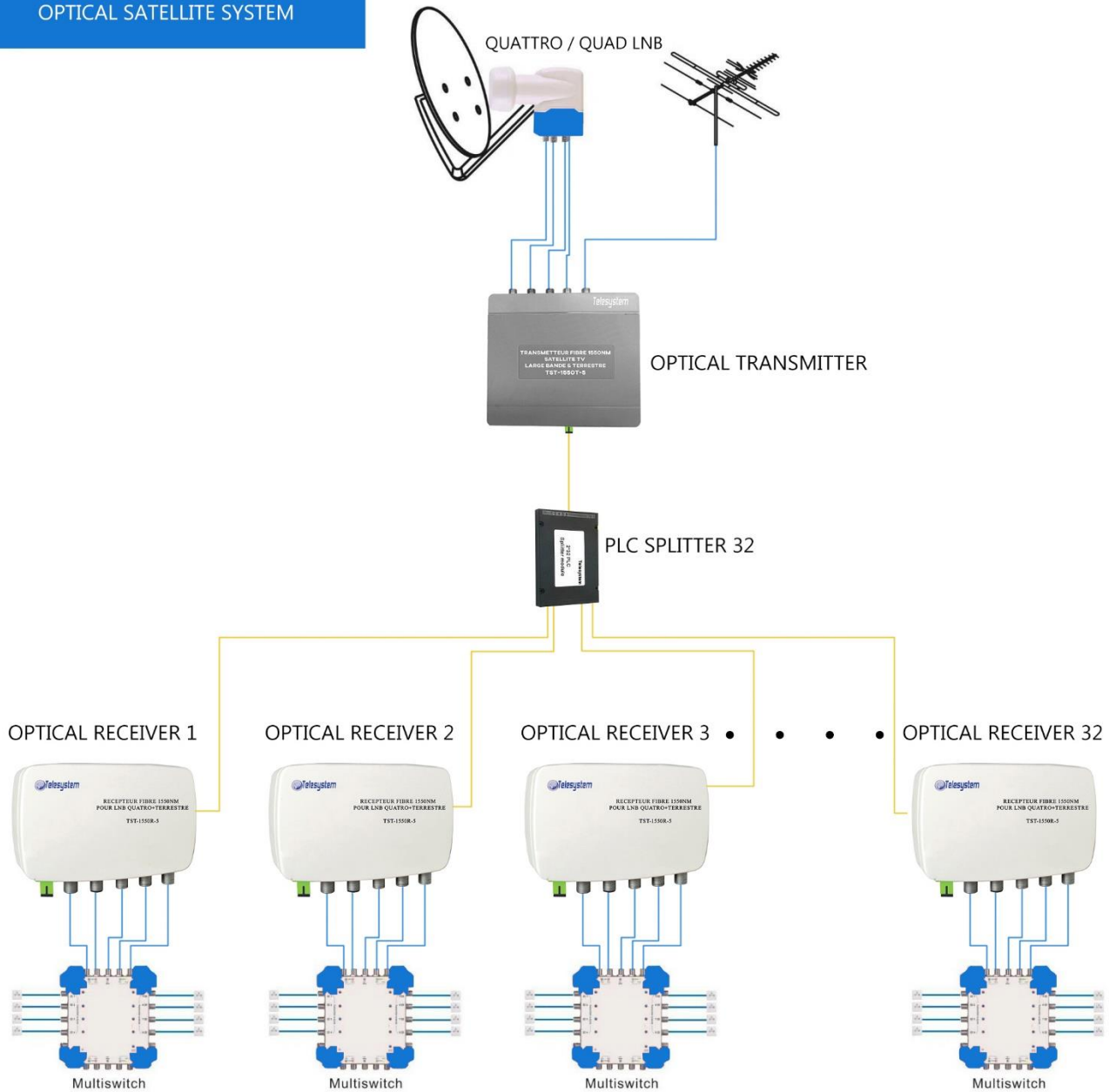


Features:

- Compact aluminum housing
- Quattro LNB and Terr TV over one SM fiber transmission
- VL/VH/HL/HH bandwidth: 950MHz to 2150MHz
- Terrestrial TV bandwidth: 88~806MHz (including FM)
- 1530nm/1550nm/1570nm/1590nm CWDM system
- CWDM uncooled DFB Laser
- AGC on optical transmitter and receiver
- High Linearity Photodiode
- Excellent RF Isolation
- Low noise RF Gain Control circuit

Application:

OPTICAL SATELLITE SYSTEM



Specifications:

TST-1550R-5 Optical Receiver

Optical Input	
Optical Input Port	One
Fiber	9 μ m / 125 μ m Single Mode Fiber
Fiber Connector	SC/APC or SC/UPC
Input optical wavelength	1530nm/1550nm/1570nm/1590nm
Average CWDM Optical Loss	<4.0dB@each CWDM wavelength (not including splitter loss and fiber loss)
Optical Input Power	-16dBm~-8dBm (Each CWDM wavelength)
RF Output	
RF Input Port Number	Five (Quattro Version),
Quattro RF outputs	Four 950~2150MHz ports One 88~806MHz port
RF Output	>-30dBm@-10dBm optical input >-36dBm@-13dBm optical input >-42dBm@-16dBm optical input
RF Flatness	\pm 4.0 dB
RF Return Loss	10dB
RF Connector	F-Type, American Female
RF Impedance	75 Ohm
IMD 2nd order	\geq 32dB (two input tones at -15 dBm)
IMD 3RD order	\geq 52dB (two input tones at -15 dBm)
LED Status	6 Green Color LED on the panel, representing DC Power, RF1, RF2, RF3, RF4, RF5. LED "ON" when there is the corresponding signal.
Physical	
Power Supply	Powered by Satellite Receiver or Sat Multiswitch
Power Consumption	9W
Dimensions (W x H x D) mm	300 x 30 x 180
Operating Temperature (°C)	-20 - +60
Storage Temperature (°C)	-40 - +85
Humidity	10%~90% non-condensing
Weight	1.5Kg (without power adaptor)