

1 Satellite optical Transmitter – Receiver Couple for standard Quattro LNB's

Transmitter available in 2 Versions:
4mW and 8mW Laser



- 1 Satellite Position over 1 single fiber optic cable (4x pol/band Ku-/C-Band LNB support)
- Gain adjustment for input with 4mW and 8mW (optional available as BFT-408)
- 4mW output can be split up to 32 times - 8mW split up to 64 times
- Voltage LED indicator (Transmitter)
- Isolated linear DFB laser
- CWDM standard wavelength operating range
- 950-2150 MHz (Sat-IF) Operation bandwidth
- External Environment mast installation housing optional available:



Technical Data:

	Transmitter BFT-404	Receiver BFR-104
Input	4 F Connectors (4x IF) (75Ω)	1 SC/APC Optic Connector
Output	1 SC/APC Optic Connector	4 F Connectors (4x IF) (75Ω) LV/LH/VH/HH
SAT Frequency Range	950-2150 MHz	950-2150 MHz
SAT Gain	23dB ± 2	23dB ± 2
Gain adjustment range	0...15dB	0...15dB
Optical Power	4 mW / 8mW	
Optical Wavelength	1270...1330nm (CWDM)	1270...1330nm (CWDM)
Max Signal In	90 dBμV ±3dB	
Max. Sat Signal Output	With 8mW laser →	Splitting 1:32 = 80 dBμV ±3dB max.
Power Supply	12V 2.5A, external PSU	12V 2A (Sourced by connected Multiswitch)
Operating Temperature	-15...+45°C	-15...+45°C
Dimensions	150x137x51mm	150x77x45mm
Weight	470 gr	370 gr

Available accessories:

For Transmitter: An outdoor housing for wall- and mast mounting because of weather safety.
Power supplies: 110-240 VAC or 48VDC (Telco-stations) upon request

Application Diagram:

