



### Features:

1. Designed for satellite optical system
2. Wide operating frequency range:45-2150MHz
3. Excellent Linearity and flatness
4. Using 1-core single-mode fiber high return loss
5. Using GaAs amplifier active devices
6. Ultra low noise technology
7. Build-in CWDM,using DFB coaxial small package laser
8. Outputs 13/18V、0/22KHz for LNB working
9. A LNB mode switch offers the possibility to use either Quattro or Quad LNB
10. A distribution of up to 32 optical nodes
11. Have an optical power indicator light for each laser
12. Using Aluminum alloy Housing, good heat dissipation performance

### Specifications:

Number	Item	Unit	Description	Remark
<b>Customer Interface</b>				
1	RF Connector		F-female	4SAT-IF + 1TERR
2	Optical Connector		SC/APC	
3	Power Adapter		DC2.1	
<b>Optical Parameter</b>				
4	Optical Return Loss	dB	≥45	
5	Output Optical Wavelength	nm	1510~1570	
6	Output Optical Power	mW	4x4	4x+6dBm
7	Optical Fiber Type		Single Mode	
<b>TERR+SAT-IF Parameter</b>				
8	Frequency Range	MHz	45~860	TERR

			950~2150	SAT-IF
9	Flatness	dB	±1	SAT-IF:±1.5
10	Input Level	dBμV	80±5	TERRTERR
			75±10	SAT-IF
11	Input Impedance	Ω	75	
12	Return Loss	dB	≥12	
13	C/N	dB	≥52	
14	CSO	dB	≥65	
15	CTB	dB	≥62	
16	LNB Power supply	V	13/18	
17	Maximum Current For LNB	mA	350	
18	22KHz Accuracy	KHz	22±4	
<b>Other Parameter</b>				
19	Power Supply	VDC	20	
20	Power Consumption	W	<6	
21	Dimensions	mm	135x132x28	