

Features:

1. Designed for FTTH(Fiber To The Home) networks
2. Wide operating frequency range:45~2150MHz
3. Excellent Linearity and flatness
4. Single-mode fiber high return loss
5. Using GaAs amplifier active devices
6. Ultra low noise technology
7. Using DFB coaxial small package laser
8. Smaller size and easier install
9. Output 13/18V、0/22KHz for LNB working
10. Using bicolor LEDs for 13/18V,0/22KHz output indication
11. Using Aluminum alloy Housing, good heat dissipation performance



Specifications:

Number	Item	Unit	Description	Remark
Customer Interface				
1	RF Connector		F-female	
2	Optical Connector		SC/APC	
3	Power Adapter		DC2.1	
Optical Parameter				
4	Optical Return Loss	dB	≥45	
5	Output Optical Wavelength	nm	1550	
6	Output Optical Power	mW	10	10dBm
7	Optical Fiber Type		Single Mode	
RF+SAT-IF Parameter				
8	Frequency Range	MHz	45~860	
			950~2150	
9	Flatness	dB	±1	
10	Input Level	dBμV	80±5	RF
			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	
Other Parameter				

TX-215-10mW FTTH Optic Transmitter

19	Power Supply	VDC	12	
20	Power Consumption	W	<3	
21	Dimensions	mm	105x84x25	