

Parameter	Unit	Index
Operating Wavelength	nm	1550±10
Optical Power	mW	2mw,4mw,6mw,8mw, or 10mw
Optical Link Path Loss	dB	Up To 11dB
Work Bandwidth	MHz	47~862 (1000MHz Optional)
Type of Laser	/	cooled DFB laser
Optical modulation mode	/	Direct Modulation
Fiber Connector	/	SC/APC or FC/APC
RF Input Level	dBmV	20-25dBmV
Flatness In Band	dB	±0.75
RF Input Impedance	Ω	75
Input Reflection Loss	dB	≥16 (45~862MHz)
C/CTB	dB	≥65
C/CSO	dB	≥59
C/N	dB	≥51
MGC Control Range	dB	0~15
Power Voltage	V	90~265VAC/DC-48V
Power Consumption	W	15
Operation Temperature	°C	0~50
Store Temperature	°C	-40~85
Relative Humidity	%	5~95
Dimension	mm	483*381*44.5
Weight	Kg	5

Test condition: Input 80 channels NTSC signal to the optical transmitter and measure the standard optical receiver C/CTB, C/CSO and C/N in conditions of -1dBm optical input (10km fiber + optical attenuator) and 36 dBmV RF output.