

SUN5811TD 1550nm Externally Modulated Optical Transmitter

Features

- Imported low-noise DFB laser with high linear LiNbO3 external modulator
- Excellent pre-distortion circuit ensures the best CTB, CSO and CNR
- Perfect SBS suppress circuit and adjustable SBS in 13, 16, 18
- AGC and MGC function
- RJ45 and RS232 standard interface
- Web and SNMP management



Specifications

Item		Units	Value
Optical Parameters	Wavelength	nm	1550±5
	Output Power	dBm	2*5, 2*6, 2*7, 2*8, 2*9
	Connector	/	FC/APC Or SC/APC
CATV Parts	Bandwidth	MHz	47-862
	Input Level	dBmV	78±5(AGC)
	OMI Range	dB	±5
	Return Loss	dB	≥16(47~550MHz)
			≥14(550~862MHz)
	Flatness	dB	±0.75
	Input Impedance	Ohm	75
	CNR*	dB	≥50
	CTB*	dB	≤-60
	CSO*	dBm	≤-60
SAT-IF Parts	SBS	dBm	≥16.0 (13,16,18 Optional)
	Bandwidth	MHz	950~2605
	Input Level	dBmV	78
	Flatness	dB	±2
	Input Impedance	Ohm	75
	Return Loss	dB	≥10
General Parameters	Power Supply	VAC/VDC	110~265/ -48
	Power Consumption	W	≤50
	Working Temperature	°C	0~50
	Storage Temperature	°C	-20~85
	Dimension	W*D*H	19*11*1.75

Ordering Information

SUN 1550nm Externally Modulated Optical Transmitter		Output Level		Optical Connector		Power Supply				Network Management		
SUN5811		-	XxX	-	XX	-	XX				-	X
SUN5811 TC	Bandwidth is 1GHz, for CATV	2x5	5dBm	S	SC/APC	A	North America	1	S/AC	None	None	
		2x6	6dBm	S	SC/UPC			2				S/DC
SUN5811TD	Bandwidth is 2.6GHz, for CATV+SAT-IF	2x7	7dBm	F	FC/APC	C	China	3	D/AC	2	Web	
		2x8	8dBm	F	FC/UPC			4				D/DC
		2x9	9dBm					5				D/AC+DC

Example:

Bandwidth is 2.6GHz, for CATV+SAT-IF, output level is 5dBm; SC/APC connector; single AC Europe power supply; SNMP network management.

The order model is: SUN5811TD-2x5-SA-B1-1