

SUN5811TC 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
Wavelength	Nm	1550±5
Output Power	dBm	2*5, 2*6, 2*7, 2*8, 2*9
Optical Return Loss	dB	≥14
Connector	/	FC/APC Or SC/APC
Bandwidth	MHz	47-1000MHz
Input Level	dBmV	78±5(AGC)
OMI Range	dB	±5
Flatness	dB	±2
Return Loss	dB	≥10
Input Impedance	Ohm	75
CNR*	dB	≥50
CTB*	dB	≤-60
CSO*	dBm	≤-60
SBS	dBm	≥16.0 13,16,18
Power Supply	VAC/VDC	0~265/ -48
Power Consumption	W	≤50
Working Temperature	C	0~50

Ordering Information

SUN1550nm Externally Modulated Optical Transmitter		Output Level		Optical Connector		Power Supply				Network Management		
SUN5811		-	XxX	-	XX	-	XX				-	X
SUN5811TC	Bandwidth h is 1GHz, for CATV	2x 5	5dB m	S A	SC/A PC	A	North America	1	S/AC	None	Non e	
		2x 6	6dB m	S U	SC/U PC	B	Europe	2	S/DC	1		SN MP
SUN5811TD	Bandwidth h is 2.6GHz, for CATV+S AT-IF	2x 7	7dB m	F A	FC/A PC	C	China	3	D/AC	2		Web
		2x 8	8dB m	F U	FC/U PC			4	D/DC			
		2x 9	9dB m					5	D/AC+ DC			

Example:

Bandwidth is 1GHz, for CATV, output level is 5dBm; SC/APC connector; single AC

Europe power supply; SNMP network management.

The order model is: SUN5811TC-2x5-SA-B1-1