

Signal Source(1-8GHz)



S.No	Description	Parameters
01	Output Frequency	1 to 8 GHz
02	Frequency steps	500kHz
03	Frequency control interface	RS422
04	RS422 bytes	2 bytes for data, 1 for ack
05	Frequency Switching speed	≤500us
06	Spurious level	≤ - 60dBc
07	Harmonics level	≤ - 30dbc
08	Phase noise	≤ - 80dBc/Hz
09	Output power Peak	27dBm or 500mW
10	O/p Power	- 50dBm(min)
11	Power steps	0.5dB
12	Continuous or pulsed o/p	Both
13	Duty cycle for pulsed o/p	1 to 20%
14	Pulse width for pulsed o/p	100ns to 10us
15	Pulse rise time/fall time	20ns max
16	Operating temp	0 to 40 °C
17	Power supply	28V ± 4V
18	RF Output connector	SMA Female
19	Bias supply connector	Circular connector
20	Interface	RS422

