

Main specifications

Parameters	Min	Typical	Max	Units
Input F	4	~	7	GHz
Output Frequency	8	~	14	GHz
Power		-2		dBm
Output power		15		dBm
Frequency doubling		2		
Fundamental wave Rejection		18		dBc

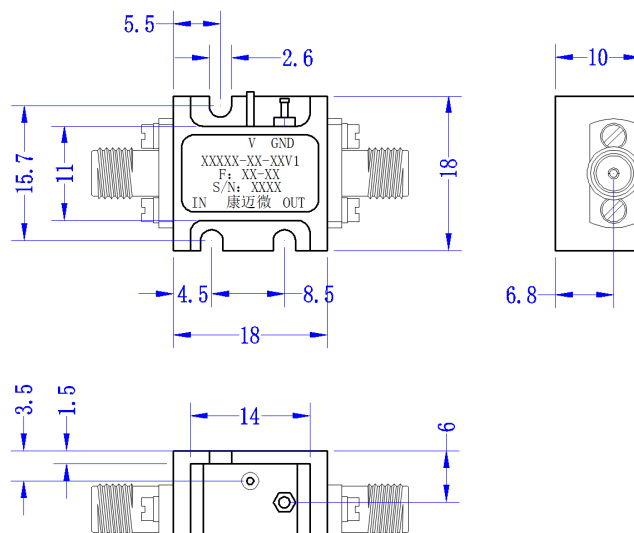
Other parameters

Connector	SMA-F
Connector material	Stainless steel
Impedance	50Ω
Working voltage	+5V
Working current	100mA
Operation Temp.	-40~+70°C Design assurance
Quality Grade	Industrial grade
Other	Two Frequency multiplier

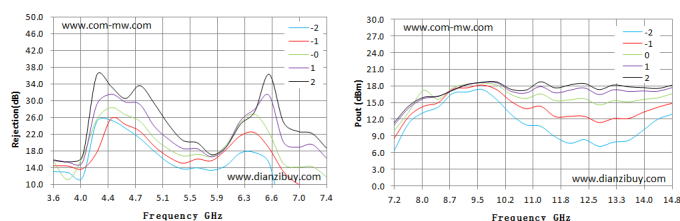
Reference picture



Configuration(mm)



Typical test curve



Note

Store in an environment with humidity less than 25%, pay attention to dust and static electricity prevention; If the product temperature is above 125 °C, please consult with us before placing an order.

Typical test data (0dBm input)

Input F (GHz)	Fundamental wave Rejection (dBc)	Output F (GHz)	Output power (dBm)
3.6	15.49	7.2	9.94
3.8	11.22	7.6	13.36
4	16.59	8	17.18
4.2	25.53	8.4	15.59
4.4	28.432	8.8	17.62
4.6	26.69	9.2	18.33
4.8	24.17	9.6	18.52
5	21.15	10	18.18
5.2	18.51	10.4	16.42
5.4	16.88	10.8	15.73
5.6	17.26	11.2	16.56
5.8	16.84	11.6	15.34
6	19.48	12	15.49
6.2	24.77	12.4	15.71
6.4	26.83	12.8	14.56
6.6	22.42	13.2	15.33
6.8	15.04	13.6	15.13
7	14.19	14	15.56
7.2	14.33	14.4	15.8
7.4	11.86	14.8	16.62

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.