

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0	~	18	GHz
Attenuation	9.5	10	10.5	dB
VSWR			1.25	

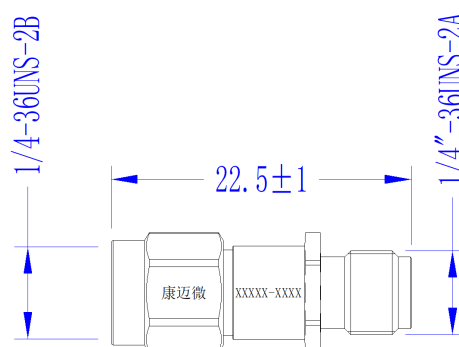
Other parameters

Power Capacity	2W
Peak power	100W, duty cycle 1%, pulse width 1uS
Impedance	50Ω
Connector	SMA-MF or JK
Connector material	Stainless steel 303
Product shell material	Stainless steel 303
Operation Temp.	-55~+125°C
Weight	5g

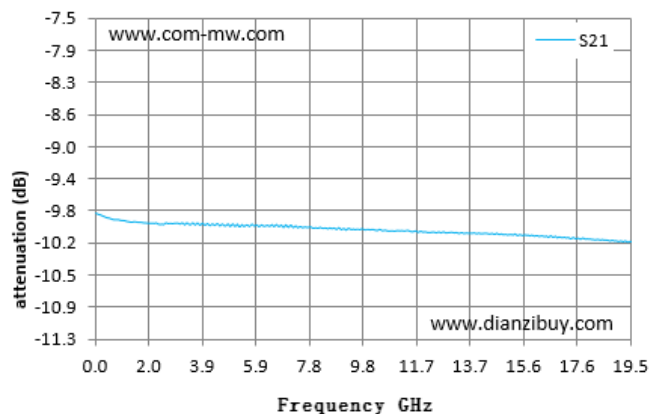
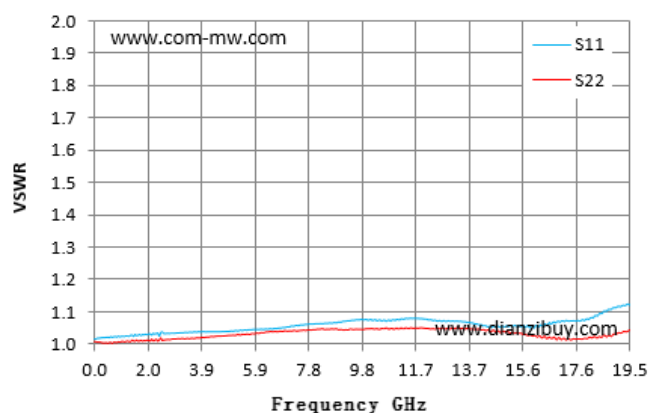
Reference picture



Configuration(mm)



Typical test curve

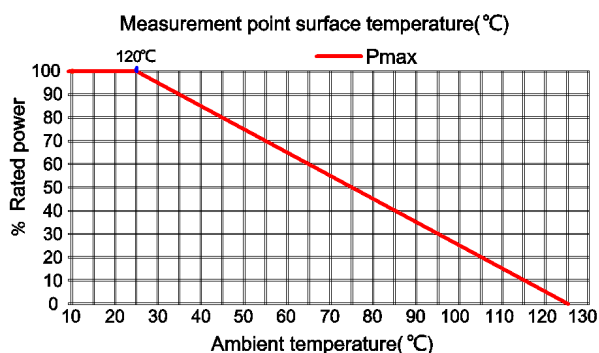


Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S21 attenuation dB
0.01	1.02	1.01	-9.81
1.40	1.03	1.01	-9.91
2.79	1.03	1.01	-9.93
4.19	1.04	1.02	-9.96
5.58	1.04	1.03	-9.96
6.97	1.05	1.04	-9.95
8.36	1.06	1.05	-9.99
9.76	1.08	1.05	-10.00
11.15	1.07	1.05	-10.02
12.54	1.07	1.05	-10.04
13.93	1.06	1.05	-10.06
15.32	1.06	1.03	-10.06
16.72	1.07	1.02	-10.10
18.11	1.08	1.02	-10.13
19.50	1.12	1.04	-10.15

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

Power Derating Curve



Note

1. When installing attenuators, it is necessary to consider sufficient heat dissipation space and avoid installing them next to equipment with high heat output, otherwise the power capacity will decrease;
2. Small power attenuators do not have input and output directions, nor do they indicate directions. When high-power attenuators have input and output port markings, they must be connected to the equipment in the specified direction, otherwise the attenuator may burn out.