

### Product features

Broadband, small volume.

### Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	18	GHz
Attenuation		10		dB
VSWR			1.3	

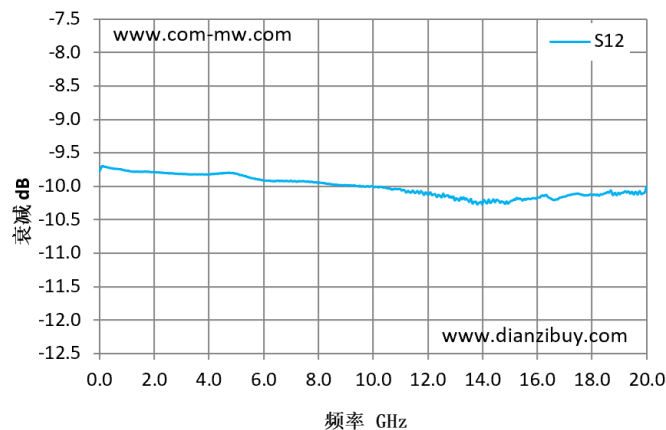
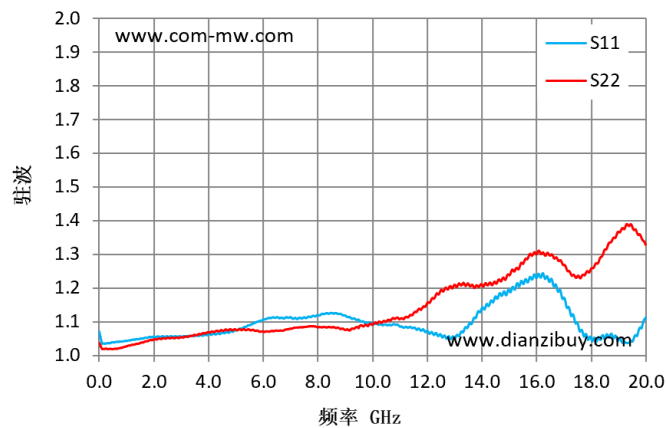
### Other parameters

Power	5W Design assurance
Impedance	50Ω
Connector	SMA-JK
Surface	Black
Product shell material	Aluminum
Work Temp.	-40~+85°C Design assurance

### Note

- 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;
- 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.

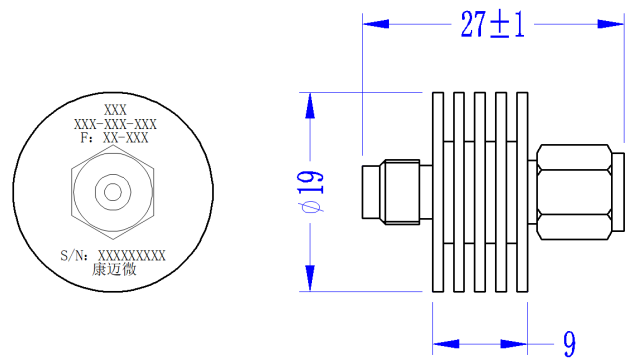
### Typical test curve



### Reference picture



### Configuration(mm)



### Typical test curve

Frequency(GHz)	S11 VSWR	S22 VSWR	S12 Attenuation (dB)
0.01	1.07	1.04	-9.79
1.43	1.05	1.03	-9.79
2.86	1.06	1.05	-9.82
4.29	1.06	1.07	-9.81
5.71	1.1	1.07	-9.89
7.14	1.11	1.08	-9.92
8.57	1.12	1.08	-9.98
10	1.1	1.09	-10
11.43	1.08	1.12	-10.08
12.86	1.05	1.21	-10.16
14.29	1.15	1.22	-10.24
15.71	1.22	1.29	-10.19
17.14	1.14	1.25	-10.14
18.57	1.06	1.32	-10.1
20	1.11	1.33	-10.01

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