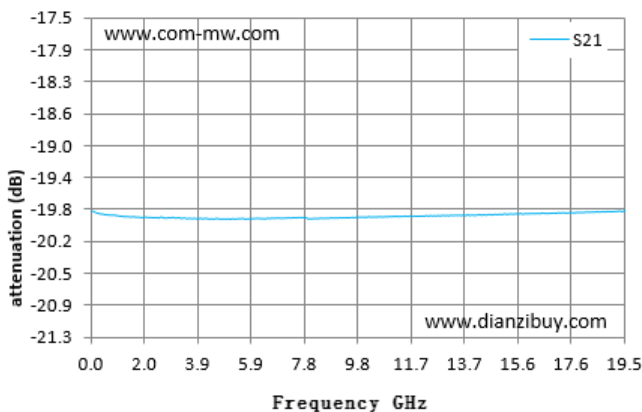
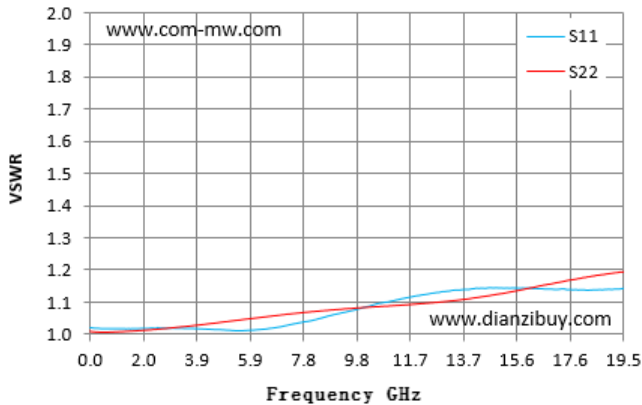


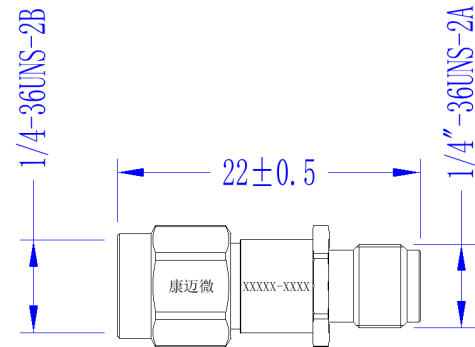
**Main specifications**

Parameters	Min	Typical	Max	Units
Frequency	0	~	18	GHz
Attenuation	19.5	20	20.5	dB
VSWR			1.25	

**Other parameters**

Power Capacity	2W Design assurance
Peak power	100W design guarantee, 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 Temperature	-40~+85°C Design assurance
Weight	5g

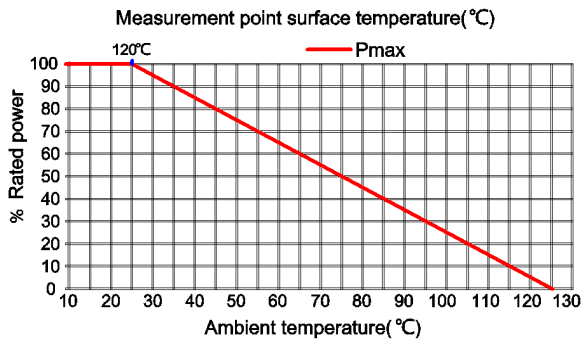
**Typical test curve**

**Power Derating Curve**
**Reference picture**

**Configuration(mm)**

**Typical test data**

Frequency GHz	S11 VSWR	S22 VSWR	S12 Attenuation
0.01	1.02	1.01	-19.80
1.40	1.02	1.01	-19.87
2.79	1.02	1.02	-19.89
4.19	1.01	1.03	-19.89
5.58	1.01	1.05	-19.89
6.97	1.02	1.06	-19.89
8.36	1.05	1.07	-19.89
9.76	1.08	1.08	-19.87
11.15	1.10	1.09	-19.86
12.54	1.13	1.10	-19.86
13.93	1.14	1.11	-19.85
15.32	1.14	1.13	-19.83
16.72	1.14	1.16	-19.82
18.11	1.14	1.18	-19.81
19.50	1.14	1.19	-19.80

**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.



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