

**Main specifications**

Parameters	Min	Typical	Max	Units
Frequency	DC	~	8	GHz
Attenuation	29.2	30	30.8	dB
VSWR			1.25	

**Other parameters**

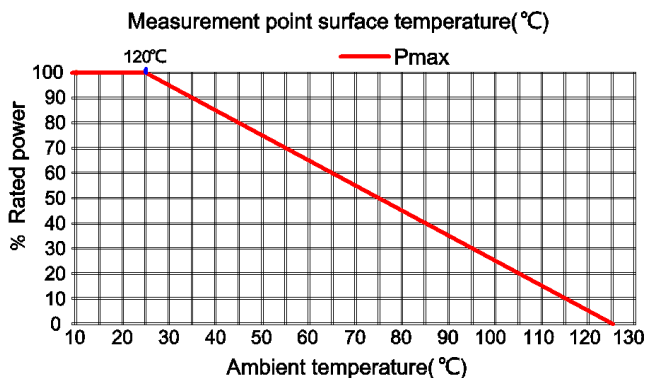
Power Capacity	20W Design assurance
Impedance	50Ω
Connector	N -JK
Connector material	Shell copper nickel plating
Surface	Black
Product shell material	Aluminum
Operation Temp.	-40~+85°C Design assurance

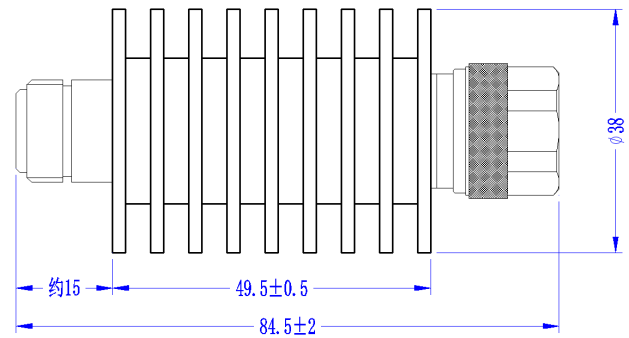
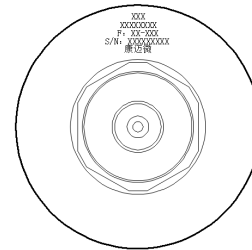
**Note**

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.

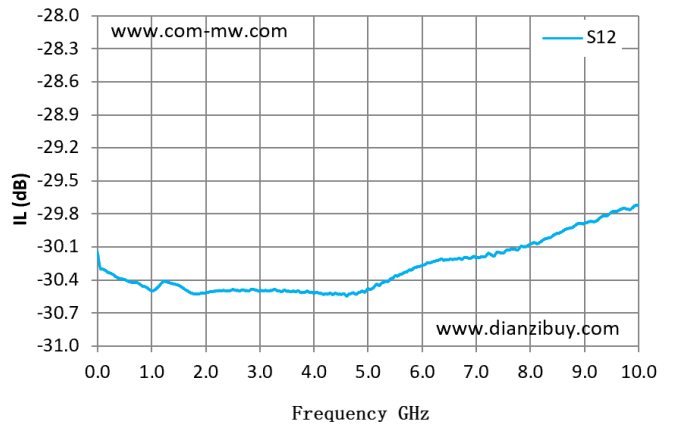
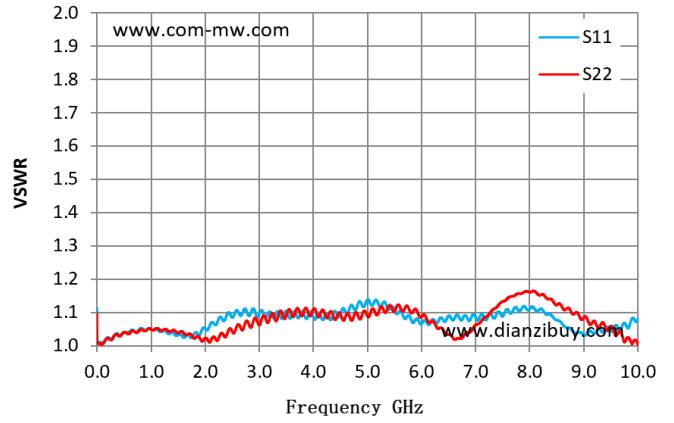
**Typical test data**

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL (dB)
0.71	1.04	1.04	-30.42
1.43	1.03	1.05	-30.44
2.14	1.07	1.03	-30.5
2.86	1.11	1.06	-30.48
3.57	1.08	1.11	-30.51
4.29	1.09	1.1	-30.52
5	1.14	1.09	-30.48
5.71	1.08	1.12	-30.33
6.43	1.07	1.04	-30.22
7.14	1.09	1.08	-30.19
7.86	1.11	1.16	-30.1
8.57	1.07	1.12	-29.97
9.29	1.05	1.05	-29.83
10	1.08	1	-29.72

**Power Derating Curve**

**Reference picture**

**Configuration (mm)**

**右视图**

**Typical test curve**

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



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