

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	18	GHz
Attenuation	2.4	3	3.6	dB
VSWR			1.35	

Other parameters

Power Capacity	20W Design assurance			
Impedance	50Ω			
Connector	SMA-JK			
Connector material	Stainless steel			
Surface	Black			
Product shell material	Aluminum			
Operation Temp	-45~+85°C Design assurance			
Other	Input SMA-J			

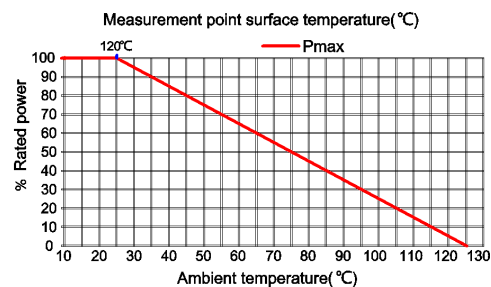
Note

- 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 data

Frequency GHz	S11 VSWR	S22 VSWR	S12 IL (dB)
1.43	1.02	1.03	-2.91
2.86	1.02	1.05	-2.96
4.29	1.03	1.04	-3.03
5.71	1.06	1.12	-3.07
7.14	1.09	1.15	-3.11
8.57	1.07	1.1	-3.18
10	1.09	1.08	-3.24
11.43	1.11	1.07	-3.36
12.86	1.19	1.14	-3.41
14.29	1.07	1.09	-3.39
15.71	1.04	1.05	-3.39
17.14	1.18	1.16	-3.42
18.57	1.09	1.02	-3.48
20	1.12	1.1	-3.59

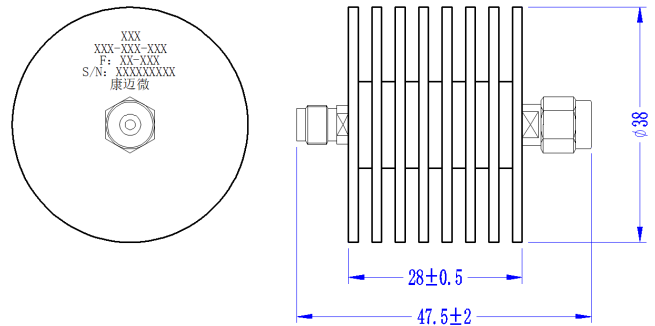
Power Derating Curve



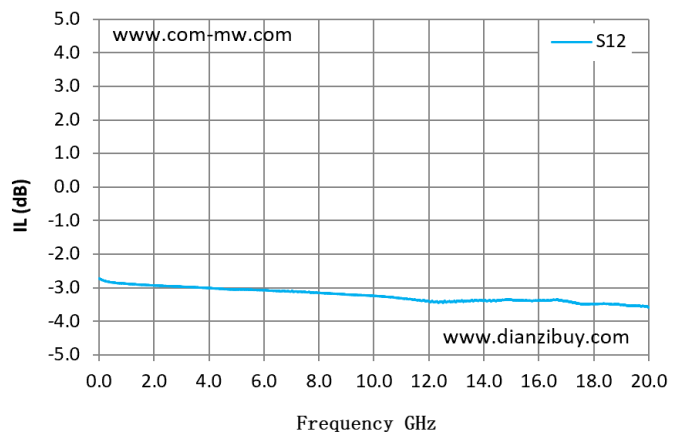
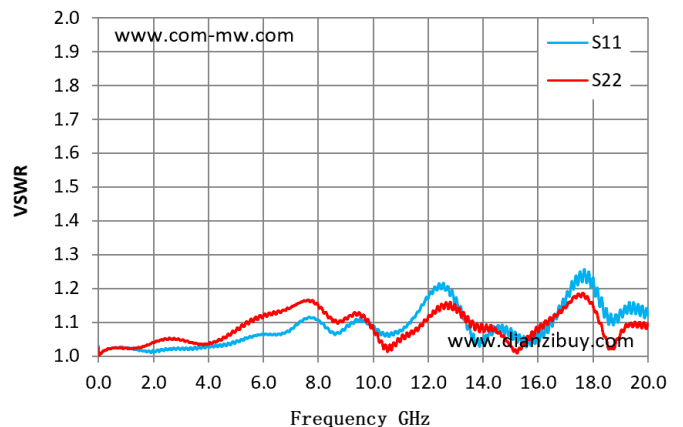
Reference picture



Configuration(mm)



Typical test curve



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