

Product features

Broadband, small volume.

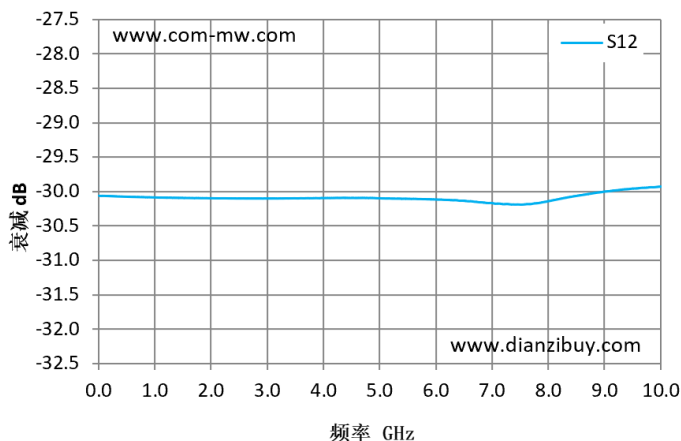
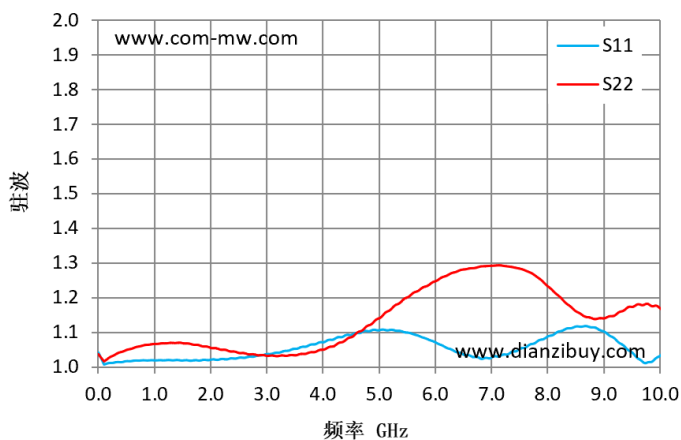
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	8	GHz
Attenuation	29.35	30	30.65	dB
VSWR			1.3	

Other parameters

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

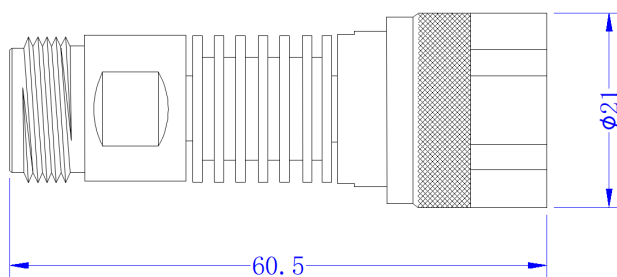
Typical test curve



Reference picture



Configuration(mm)



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

Typical test data

Frequency(GHz)	S11 VSWR	S22 VSWR	S12 Attenuation
0.01	1.04	1.04	-30.07
0.71	1.02	1.06	-30.08
1.43	1.02	1.07	-30.09
2.14	1.02	1.05	-30.1
2.86	1.03	1.03	-30.1
3.57	1.05	1.04	-30.1
4.29	1.09	1.07	-30.1
5	1.11	1.14	-30.1
5.71	1.09	1.22	-30.11
6.43	1.04	1.28	-30.14
7.14	1.03	1.29	-30.18
7.86	1.08	1.26	-30.17
8.57	1.12	1.16	-30.06
9.29	1.07	1.16	-29.98
10	1.03	1.17	-29.93

Note

When installing attenuators, sufficient heat dissipation space should be considered to avoid being installed next to equipment with high heat output.

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, connect devices in the specified direction.