

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0	~	40	GHz
Attenuation	8.5	10	13	dB
VSWR			1.45	

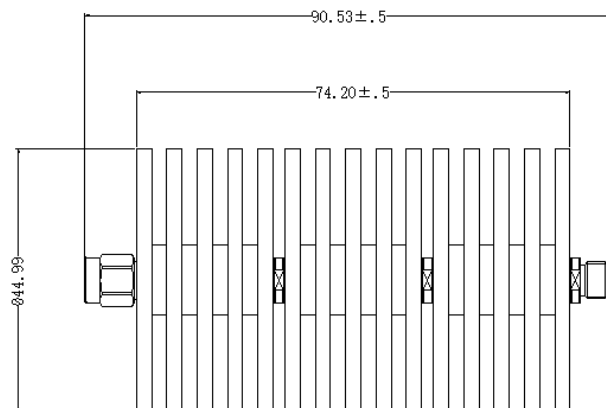
Other parameters

Power Capacity	30W
Peak power	100W design guarantee, duty cycle 1%, pulse width 1us
Impedance	50Ω
Connector	2.92-JK
Connector material	Stainless steel
Surface	Black anodizing
Product shell material	Aluminium
Operation Temp.	-55~+125℃
Other	When used at full power, additional air cooling is required.

Reference picture



Configuration(mm)

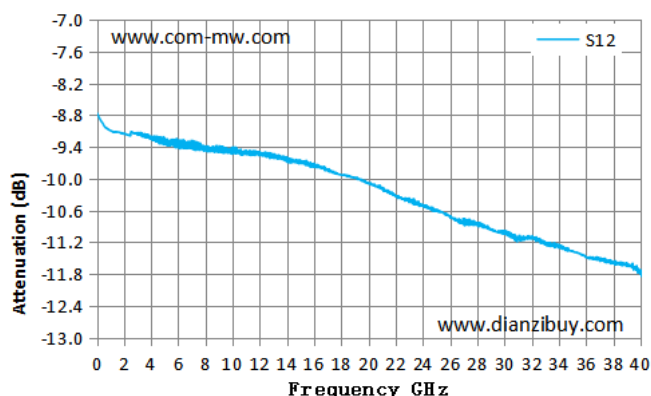
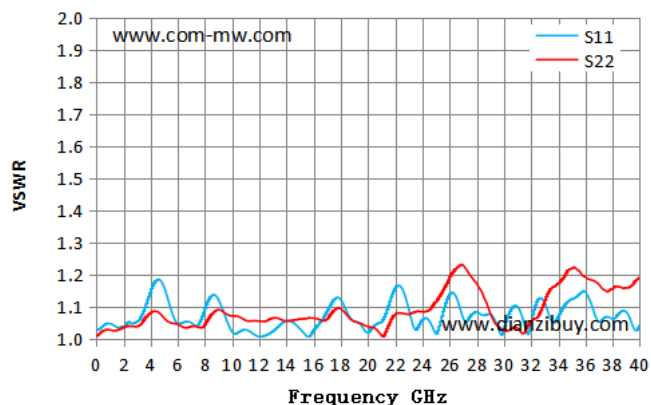


Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 attenuation dB
0.01	1.03	1.01	-8.76
3.05	1.06	1.04	-9.15
6.08	1.05	1.04	-9.35
9.12	1.11	1.09	-9.50
12.15	1.01	1.05	-9.51
15.19	1.02	1.06	-9.70
18.22	1.10	1.08	-9.33
21.26	1.07	1.01	-10.23
24.29	1.06	1.09	-10.56
27.33	1.06	1.21	-10.88
30.36	1.07	1.03	-11.11
33.40	1.06	1.15	-11.25
36.43	1.11	1.18	-11.50
39.47	1.04	1.17	-11.72
40.01	1.04	1.19	-11.76

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

Typical test curve

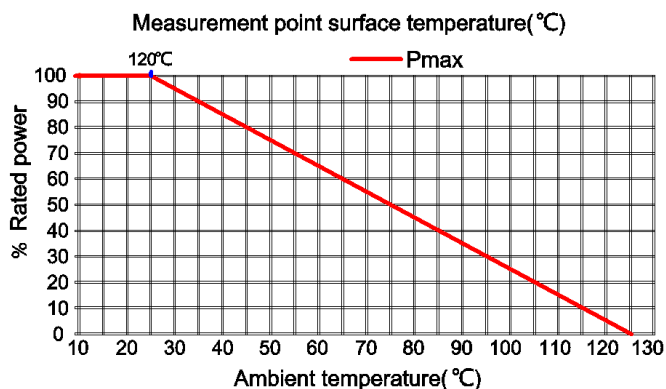


Note

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.

Power Derating Curve



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