

Product features

High power

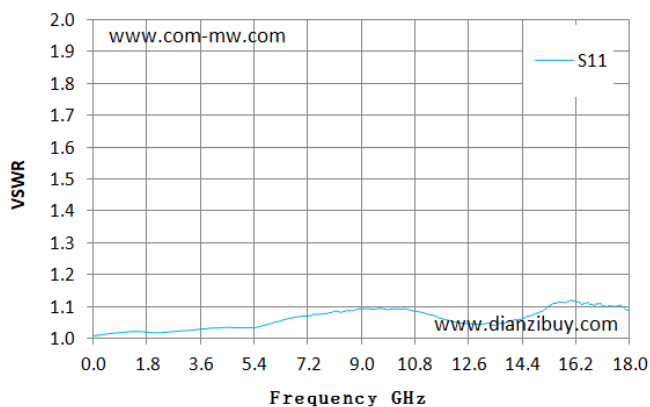
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0	~	18	GHz
VSWR			1.25	

Other parameters

Power Capacity	5W Design assurance
Peak power	500W design guarantee, duty cycle 1%, pulse width 5uS
Impedance	50Ω
Connector	N -M or J
Connector material	Stainless steel 303
Surface	Black anodizing
Product shell material	Aluminium
Operation Temp.	-55~+125°C Design assurance
Weight	50g
ROHS	Compliant Available

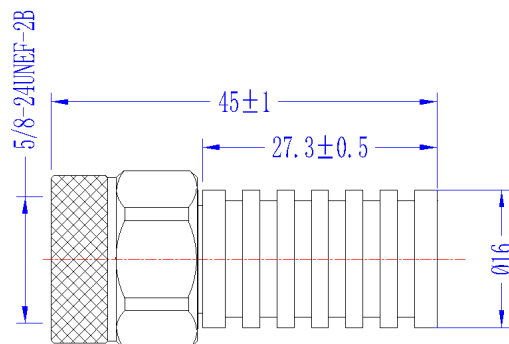
Typical test curve



Reference picture



Configuration(mm)

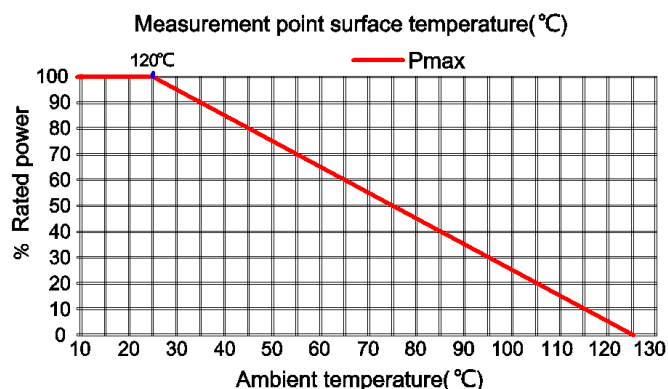


Typical test data

No.	Frequency GHz	S11 VSWR
1	0.01	1.01
2	1.30	1.02
3	2.58	1.02
4	3.87	1.03
5	5.15	1.03
6	6.44	1.06
7	7.72	1.08
8	9.01	1.09
9	10.29	1.09
10	11.58	1.07
11	12.86	1.04
12	14.15	1.06
13	15.43	1.11
14	16.72	1.11
15	18.00	1.09

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

Power Derating Curve



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.