

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	39.2	~	59.6	GHz
Attenuation	28	30	32	dB
VSWR			1.35	

Other parameters

Power Capacity	0.5W Design assurance
Impedance	Other
Connector	Waveguide
Waveguide port	BJ500
Flange model	FUGP500(UG-383/U)
Surface	Gold-plating
Product shell material	Copper
Operation Temp.	-40~+70°C Design assurance

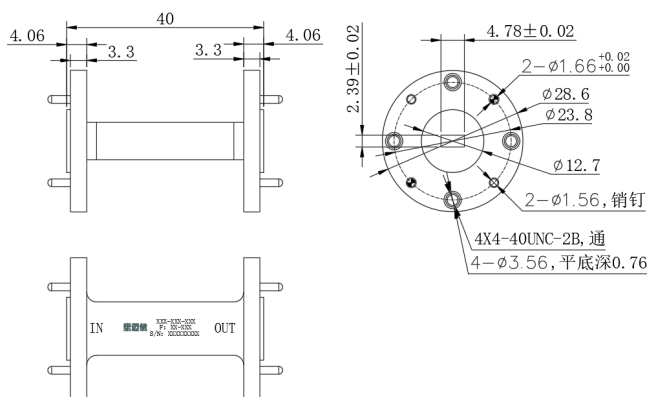
Note

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.

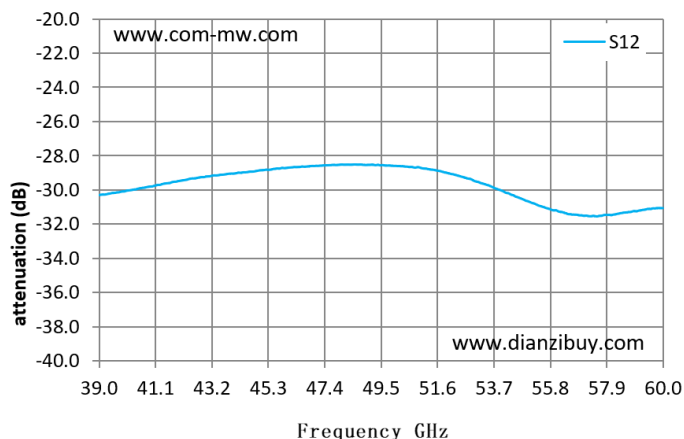
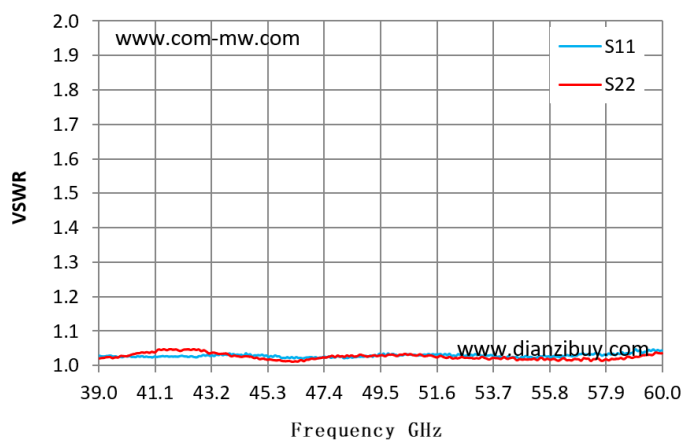
Reference picture



Configuration(mm)



Typical test curve

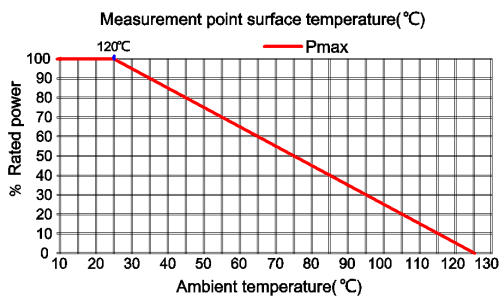


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S12 Attenuation
39.00	1.03	1.02	-30.30
40.50	1.03	1.04	-29.92
42.00	1.03	1.04	-29.48
43.50	1.03	1.03	-29.13
45.00	1.03	1.02	-28.86
46.50	1.02	1.02	-28.67
48.00	1.03	1.03	-28.53
49.50	1.03	1.03	-28.57
51.00	1.03	1.03	-28.72
52.50	1.03	1.02	-29.23
54.00	1.02	1.02	-30.04
55.50	1.03	1.02	-30.96
57.00	1.03	1.02	-31.48
58.50	1.04	1.02	-31.34
60.00	1.04	1.04	-31.06

Power Derating Curve



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