

Product features

Broadband, adjustable attenuation value.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	6	GHz
Adjustable attenuation	10	~	80	dB
step		10		dB
VSWR			1.85	

Other parameters

Power Capacity	2W Design assurance
Impedance	50Ω
Connector	SMA-K
Product shell material	Aluminum
Operation Temp.	-20~+85°C Design assurance
Other	Manually adjustable

Attenuation accuracy

	Attenuation	Attenuation accuracy
1	10-60dB	±0.9dB
2	1-70dB	±1.5dB
3	71-90dB	±2.5dB

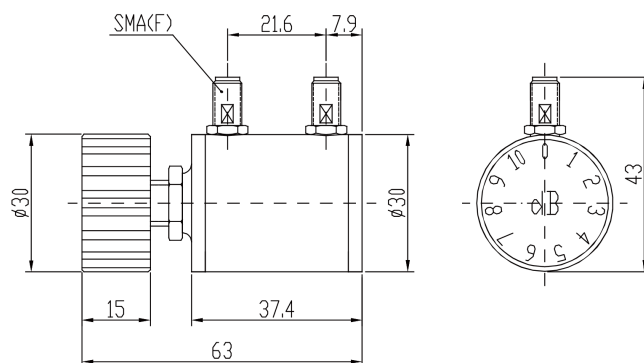
Note

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.

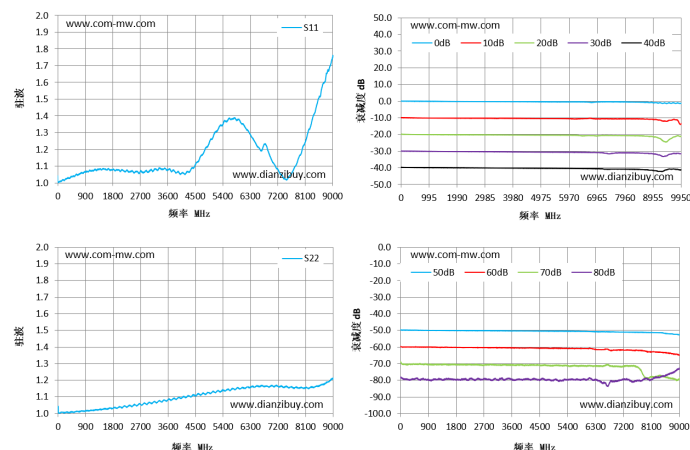
Reference picture



Configuration(mm)



Typical test curve



Typical test data

Frequency(MHz)	S11 VS WR	10 dB	20 dB	30 dB	60 dB	80 dB
0.01	1.04	-9. 95	-1 9. 9	-2 9. 97	-5 9. 77	-7 8. 1
643	1.05	-1 0. 13	-2 0. 08	-3 0. 15	-6 0. 08	-7 9. 8
1286	1.08	-1 0. 19	-2 0. 15	-3 0. 23	-6 0. 22	-7 9. 5
1929	1.08	-1 0. 25	-2 0. 22	-3 0. 29	-6 0. 25	-7 9. 77
2571	1.07	-1 0. 29	-2 0. 26	-3 0. 34	-6 0. 33	-7 9. 36
3214	1.08	-1 0. 35	-2 0. 3	-3 0. 4	-6 0. 45	-7 8. 95
3857	1.06	-1 0. 37	-2 0. 35	-3 0. 49	-6 0. 58	-7 9. 42
4500	1.1	-1 0. 44	-2 0. 41	-3 0. 58	-6 0. 73	-7 9. 93
5143	1.3	-1 0. 49	-2 0. 44	-3 0. 65	-6 0. 81	-7 9. 99
5786	1.39	-1 0. 53	-2 0. 47	-3 0. 71	-6 0. 93	-7 9. 73
6429	1.25	-1 0. 58	-2 0. 87	-3 0. 8	-6 1. 58	-8 0. 27
7071	1.12	-1 0. 71	-2 0. 76	-3 1. 01	-6 1. 78	-8 0. 02
7714	1.07	-1 0. 71	-2 0. 72	-3 1. 13	-6 2. 09	-8 0. 16
8357	1.39	-1 0. 69	-2 0. 82	-3 1. 13	-6 3. 15	-7 8. 39
9000	1.74	-1 1. 09	-2 1. 51	-3 1. 79	-6 4. 85	-7 3

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