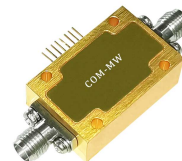


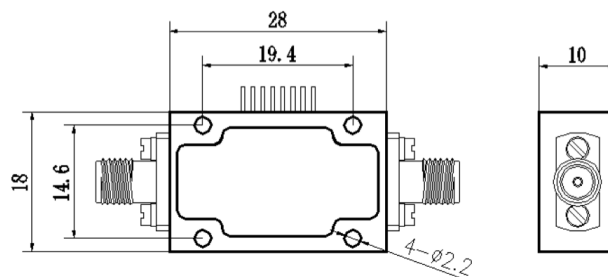
Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.01	~	40	GHz
Attenuation range	0.5	~	31.5	dB
IL		8		dB
VSWR		1.8	2	
0.5dB Accuracy	0.3	0.5	0.8	dB
1dB Accuracy	0.6	1	1.4	dB
2dB Accuracy	1.5	2	2.5	dB
4dB Accuracy	3	4	5	dB
8dB Accuracy	7.5	8	9.5	dB
16dB Accuracy	15.5	16	18.5	dB

Reference picture

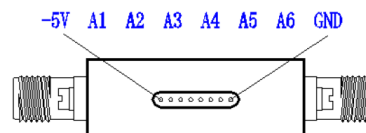


Configuration(mm)



Other parameters

step	0.5dB
Power Capacity	0.2W
Impedance	50Ω
Connector	2.92-F Detachable, Pin 0.3mm
Connector material	Stainless steel
Surface	Gold-plating
Working voltage	-5V
Working current	50mA
Operation Temp.	-40~+85°C Design assurance
Other	Pin spacing 1.27mm

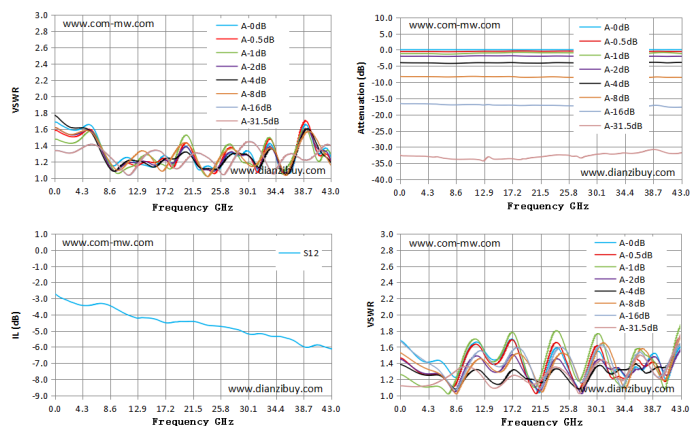


真值表 (0:0V; 1: +3.3~5V)

Attenuation	A1	A2	A3	A4	A5	A6
0dB Through	0	0	0	0	0	0
0.5dB	0	0	0	0	0	1
1dB	0	0	0	0	1	0
2dB	0	0	0	1	0	0
4dB	0	0	1	0	0	0
8dB	0	1	0	0	0	0
16dB	1	0	0	0	0	0

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

Typical test curve



Typical test data

Frequency GHz	S 1 1 A - 0 d B V S W R	S 1 2 I L d B	A - 0 d B A T T d B	A - 0.5 d B A T T d B	A - 1 d B A T T d B	A - 1.5 d B A T T d B	A - 2 d B A T T d B	A - 2.5 d B A T T d B	A - 3 d B A T T d B	S 2 2 A - 0 d B V S W R
0.01	1. 6 9	- 2 . 7 3	- 0 . 5 3	- 1 . 2 0	- 2 . 0 0	- 3 . 9 7	- 8 . 2 0	- 1 . 6 5	- 3 . 2 7	1. 6 8
3.08	1. 5 8	- 3 . 3 0	- 0 . 5 4	- 1 . 1 9	- 2 . 0 1	- 4 . 0 5	- 8 . 2 7	- 1 . 6 6	- 3 . 2 3	1. 4 4
6.15	1. 6 0	- 3 . 3 7	- 0 . 6 0	- 1 . 3 0	- 2 . 0 6	- 4 . 1 5	- 8 . 3 5	- 1 . 6 8	- 3 . 2 5	1. 4 3
9.22	1. 1 5	- 3 . 5 7	- 0 . 5 8	- 1 . 2 4	- 2 . 0 0	- 4 . 1 5	- 8 . 3 0	- 1 . 6 9	- 3 . 2 0	1. 3 1
12.29	1. 2 1	- 4 . 1 6	- 0 . 4 7	- 1 . 0 2	- 1 . 8 7	- 4 . 0 0	- 8 . 2 4	- 1 . 6 9	- 3 . 4 1	1. 6 3
15.36	1. 1 4	- 4 . 2 6	- 0 . 4 6	- 1 . 0 9	- 2 . 8 7	- 4 . 0 3	- 8 . 2 8	- 1 . 7 0	- 3 . 7 4	1. 4 8

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

Frequency GHz	S 1 1 A - 0 d B V S W R	S 1 2 I L d B	A - 0 . 5 d B T T d B	A - 1 d B T T d B	A - 2 d B T T d B	A - 4 d B T T d B	A - 8 d B T T d B	A - 1 6 d B T T d B	A - 3 1 . 5 d B T T d B	S 2 2 A - 0 d B V S W R
18.43	1. 1 6	- 4 . 4 7	- 0 . 3 8	- 0 . 8 4	- 1 . 9 3	- 4 . 0 7	- 8 . 4 8	- 1 7 . 2 1	- 3 3 . 8 3	1. 4 7
21.51	1. 2 4	- 4 . 4 3	- 0 . 4 6	- 0 . 9 3	- 2 . 0 0	- 4 . 1 3	- 8 . 4 4	- 1 7 . 1 5	- 3 3 . 0 3	1. 0 7
24.58	1. 1 2	- 4 . 6 9	- 0 . 4 2	- 0 . 9 3	- 1 . 9 3	- 3 . 9 9	- 8 . 4 2	- 1 7 . 2 2	- 3 2 . 4 3	1. 5 4
27.65	1. 3 1	- 4 . 8 7	- 0 . 4 4	- 0 . 9 4	- 1 . 9 9	- 4 . 0 7	- 8 . 5 5	- 1 7 . 4 3	- 3 3 . 9	1. 0 5
30.72	1. 2 7	- 5 . 2 3	- 0 . 4 2	- 1 . 0 3	- 1 . 9 3	- 3 . 9 5	- 8 . 5 4	- 1 7 . 5 7	- 3 2 . 1 2	1. 5 2
33.79	1. 4 0	- 5 . 3 5	- 0 . 4 4	- 0 . 9 4	- 2 . 0 0	- 4 . 0 2	- 8 . 4 9	- 1 7 . 3 6	- 3 1 . 9 1	1. 3 1

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

Frequency GHz	S 1 1 A - 0 d B V S W R	S 1 2 I L d B	A - 0 . 5 d B	A - 1 d B	A - 2 d B	A - 4 d B	A - 8 d B	A - 1 6 d B	A - 3 1 . 5 d B	S 2 2 A - 0 d B V S W R
36.86	1. 0 9	- 5 . 5 6	- 0 . 5 3	- 1 . 1 8	- 2 . 0 2	- 3 . 9 9	- 8 . 6 8	- 1 7 . 6 9	- 3 1 . 5 7	1. 3 2
39.93	1. 5 2	- 5 . 9 6	- 0 . 4 8	- 0 . 8 6	- 2 . 0 4	- 3 . 9 6	- 8 . 4 4	- 1 7 . 3 2	- 3 1 . 2 8	1. 3 7
43.00	1. 2 5	- 6 . 1 2	- 0 . 5 8	- 1 . 1 6	- 2 . 0 3	- 3 . 9 0	- 8 . 5 6	- 1 7 . 7 1	- 3 1 . 7 7	1. 6 1

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