

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	DC	~	2.5	GHz
Passband F2	/	/	2.7	~	6	GHz
Passband IL	/	/			0.7	dB
Passband VSWR	/	/			1.6	
Band 1 Rejection	2.7-6	GHz ≥	40			dB
band 2 Rejection	DC-2.5	GHz ≥	40			dB

Other parameters

Connector	SMA-F or K
Surface	Aluminum color
Power Capacity	100W Design assurance
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

Functional diagram

Reference picture

Configuration(mm)

Typical test curve

Note

1	Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
1	If the temperature is higher than 125°C, consult with us before ordering.

Typical test data

Frequency GHz	S11 VSW R	S21 IL dB	S31 IL dB	S21 delay ns	S31 Delay ns
0.03	1.12	-0.01	-89.3 3	0.78	0.00
0.47	1.20	-0.08	-88.3 5	0.80	0.00
0.91	1.24	-0.16	-82.7 8	0.83	0.00
1.35	1.28	-0.21	-85.0 6	0.89	0.00
1.79	1.49	-0.27	-74.5 7	1.02	0.00
2.23	1.04	-0.22	-56.1 3	1.49	0.00
2.67	1.56	-35.8 5	-0.68	1.60	4.32
3.12	1.23	-57.6 6	-0.23	0.00	1.23
3.56	1.26	-63.4 2	-0.23	0.00	0.90
4.00	1.09	-67.2 9	-0.17	0.00	0.75
4.44	1.24	-71.8 5	-0.21	0.00	0.68
4.88	1.22	-83.4 5	-0.20	0.00	0.64
5.32	1.29	-77.7 0	-0.23	0.00	0.60
5.76	1.47	-77.9 5	-0.31	0.00	0.57
6.20	1.19	-81.0 7	-0.19	0.00	0.59

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