

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	DC	~	1	GHz
Passband F2	/	/	1.5	~	4.5	GHz
Passband IL	/	/			1	dB
Passband VSWR	/	/			1.7	
Band 1 Rejection	1.5-4.5	GHz ≥	50			dB
Band 1 Rejection	DC-1	GHz ≥	50			dB

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.

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

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

Typical test data

Frequency GHz	S11 VSW R	S12 IL (dB)	S13 IL (dB)	S12 Delay (ns)	S13 delay ns
0.01	1.49	-0.41	-82.4 5	0.00	0.00
0.36	1.15	-0.16	-87.9 0	0.95	0.00
0.72	1.31	-0.26	-76.9 4	1.13	0.00
1.07	1.29	-0.30	-51.2 6	1.80	0.29
1.43	2.54	-42.4 8	-1.50	-0.24	3.87
1.79	1.16	-82.4 7	-0.24	0.00	1.27
2.14	1.24	-70.0 2	-0.29	0.00	0.90
2.50	1.14	-60.7 0	-0.26	0.00	0.75
2.86	1.33	-58.4 6	-0.36	0.00	0.66
3.21	1.37	-57.5 8	-0.31	0.00	0.61
3.57	1.16	-55.4 0	-0.26	0.00	0.56
3.93	1.17	-52.7 9	-0.28	0.00	0.56
4.29	1.14	-53.0 7	-0.33	0.00	0.54
4.64	1.15	-65.5 6	-0.37	0.00	0.52
5.00	1.51	-28.7 6	-0.56	0.00	0.93

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