

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	7145	~	7250	MHz
Passband F2	/	/	7750	~	9000	MHz
band 1 IL	/	/			0.35	dB
band 2 IL	/	/			0.5	dB
Passband VSWR	/	/			1.5	
Band 1 Rejection	7750M-9000	MHz $\geq$	60			dB
band 2 Rejection	7145M-7250	MHz $\geq$	80			dB

Other parameters

Connector	Waveguide
Waveguide port	BJ84
Surface	silver-plate
Power Capacity	100W Design assurance
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance
Other	Estimated weight 500g

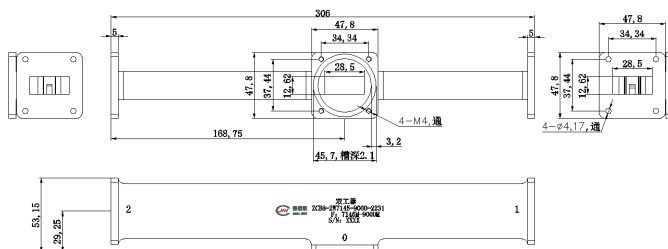
Port Definition

1	Common port	0
2	Passband 1	1
3	Passband 2	2

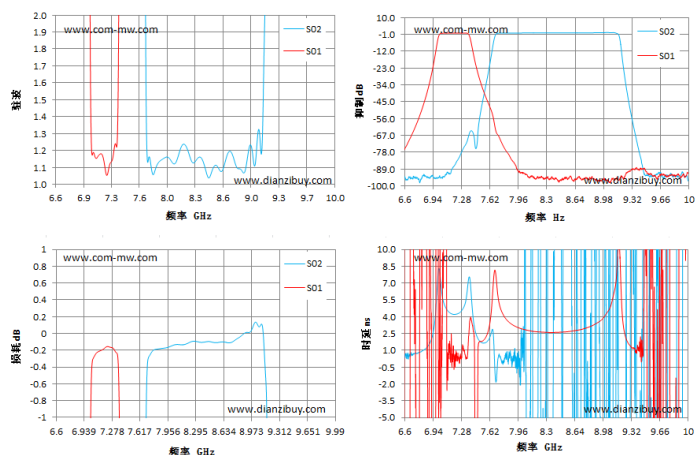
Reference picture



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. |

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

Typical test data

Frequency(GHz)	S02 VSWR	S01 VSWR	S02 IL dB	S01 IL dB
6.6	121.0 9	861.4	-94.4 4	-76.2 2
6.84	101.8 8	1583. 26	-93.6 5	-44.5 4
7.08	8492. 14	1.16	-93.8 5	-0.24
7.33	89.72	1.24	-73.0 4	-0.23
7.57	197.7 1	33.74	-34.8 7	-41.7 6
7.81	1.09	114.0 6	-0.19	-76.8 8
8.05	1.12	9563. 91	-0.13	-92.5 8
8.3	1.14	459.3 5	-0.1	-94.6 4
8.54	1.11	89977 .65	-0.11	-94.8 4
8.78	1.12	86.44	-0.07	-95.3
9.02	1.11	32.29	0.14	-96.4 8
9.26	83.63	43.51	-38.7 6	-91.4 3
9.51	2742. 59	54.58	-92.8 1	-91.8 6
9.75	1815. 44	273.1 8	-93.8 5	-93.4 5
9.99	1233. 18	1015. 14	-96.7 4	-91.7

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