

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	7.9	~	8.4	GHz
Passband IL	/	/			1	dB
Rejection	DC-7.75	GHz $\geq$	40			dB
Rejection	8.58-14	GHz $\geq$	40			dB
Passband VSWR	/	/			1.25	

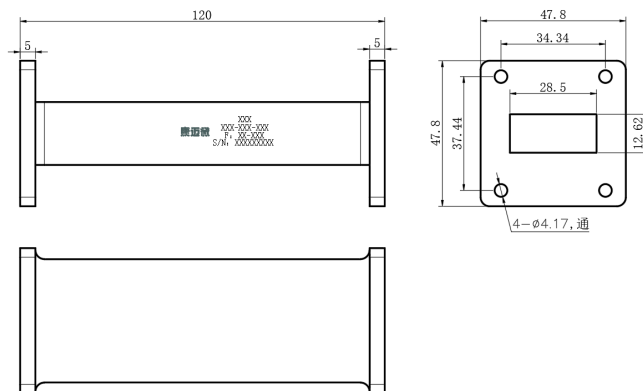
Other parameters

Connector	Waveguide
Waveguide port	WR112orBJ84
Waveguide flange	FBP84
Surface	silver-plate
Power Capacity	100W Design assurance
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance
Quality Grade	Industrial grade

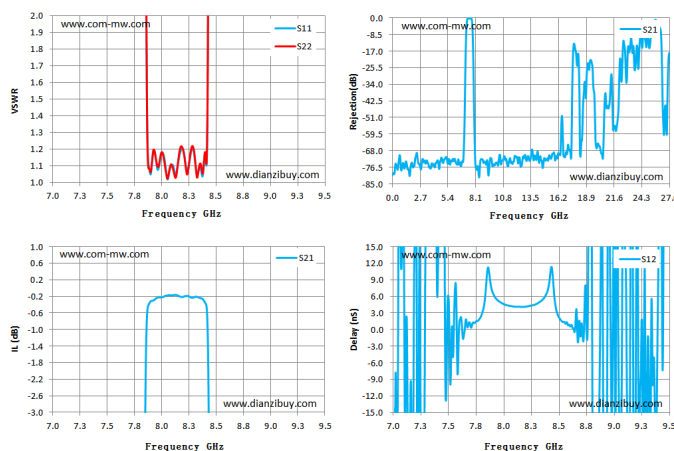
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency GHz	S11 VS WR	S22 VS WR	S21 IL dB	S21 Rej dB	S12 Delay ns
7.00	723 16.5 9	117. 04	-80. 52	-80 .36	-68.0 4
7.18	798. 75	104. 62	-79. 17	-76 .55	-27.0 2
7.36	473. 11	87.0 5	-78. 35	-74 .89	94.5 8
7.54	325. 27	90.5 5	-79. 05	-72 .09	-4.65
7.71	265. 66	189. 93	-52. 01	-50 .98	0.51
7.89	1.07	1.08	-0.3 7	-75 .29	7.38
8.07	1.06	1.07	-0.1 7	-71 .18	4.24
8.25	1.10	1.11	-0.2 0	-72 .14	4.35
8.43	2.71	2.67	-1.9 2	-71 .95	11.2 8
8.61	289 3.12	240. 39	-58. 72	-18 .34	0.79
8.79	112 7.21	315. 20	-76. 82	-65 .48	56.2 2
8.96	605. 17	207. 68	-75. 54	-45 .17	18.8 4
9.14	194 9.57	167. 33	-78. 96	-15 .32	-24.6 4
9.32	764 2.38	162. 31	-77. 84	-5. 57	-22.3 1
9.50	105 6.43	112. 12	-80. 44	0.0 0	33.7 8

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