

Product features

Broadband, high-power.

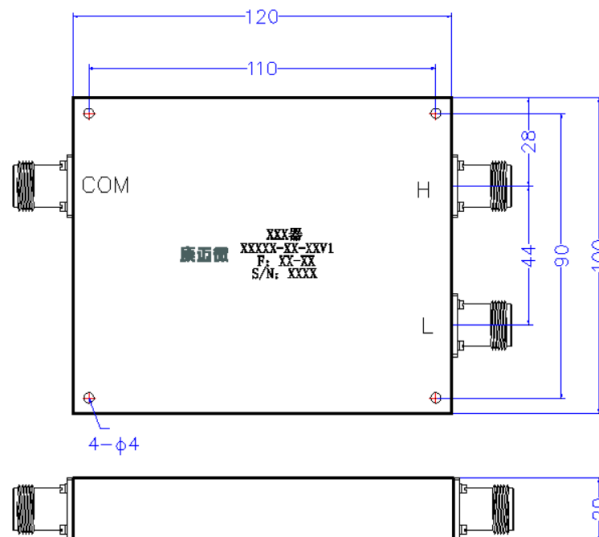
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	0	~	1	GHz
Passband F2	/	/	2.1	~	3	GHz
band 1 IL	/	/			1.5	dB
band 2 IL	/	/			1.5	dB
Passband VSWR	/	/			1.6	
Band 1 Rejection	2.1-3	GHz $\geq$	50			dB
band 2 Rejection	0-1	GHz $\geq$	50			dB

Reference picture



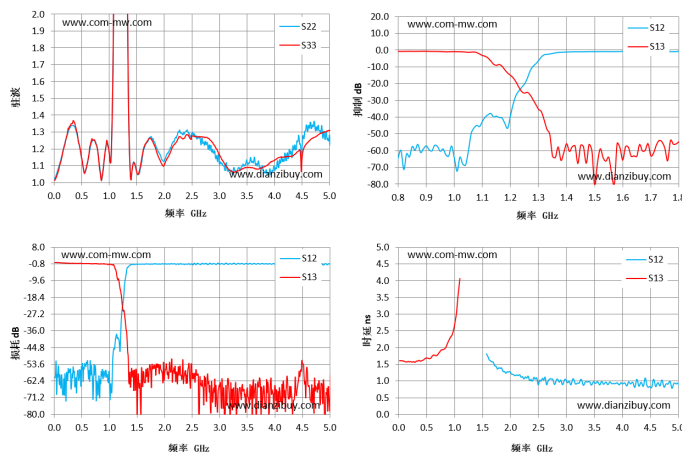
Configuration(mm)



Other parameters

Connector	N-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Conductive oxidation
Power Capacity	20W Design assurance
Product shell material	Aluminium
Operation Temp.	-40~+85°C Design assurance

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	S1 2 IL dB	S1 3 IL dB	S12 Dela y nS	S13 Dela y nS
0.01	1.02	-60.68	-0.08	-	1.6
0.36	1.34	-57.38	-0.57	-	1.61
0.71	1.25	-62.52	-0.75	-	1.81
1.07	1.63	-46.52	-1.19	-	3.63
1.43	1.1	-1.05	-57.17	-	-
1.79	1.26	-0.97	-55.96	1.4	-
2.14	1.23	-0.8	-63.11	1.17	-
2.5	1.29	-1.11	-61.21	0.89	-
2.86	1.18	-0.96	-67.7	1.01	-
3.21	1.06	-0.97	-72.14	0.94	-
3.57	1.15	-0.83	-69.1	0.96	-
3.93	1.06	-0.97	-61.18	0.92	-
4.29	1.17	-1.23	-65.49	0.89	-
4.64	1.32	-0.79	-72.44	0.96	-
5	1.28	-0.98	-78.03	0.93	-

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