

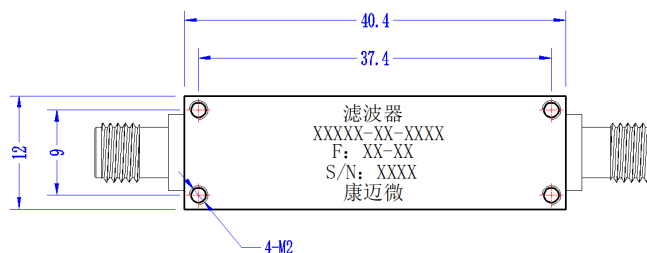
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	1650	~	1950	MHz
Passband IL	/	/			3.0	dB
Ripple	/	/			1.0	dB
Rejection	DC-1450	MHz $\geq$	40			dBc
Rejection	2150-5000	MHz $\geq$	40			dBc
Passband VSWR	/	/			1.6	

Reference picture



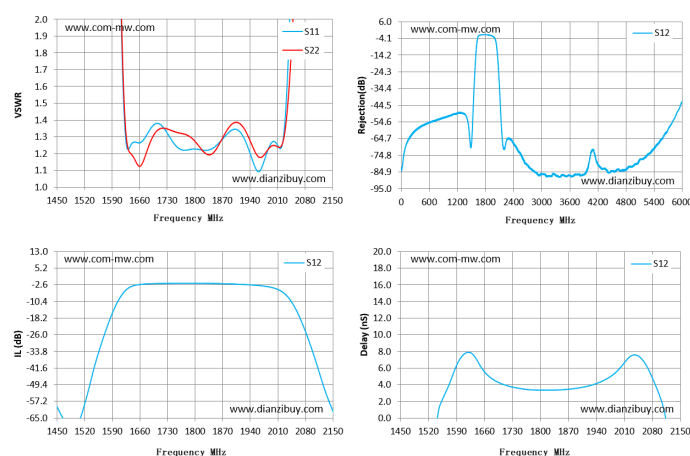
Configuration(mm)



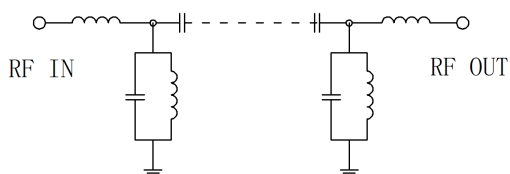
Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50 Ω
Surface	silver-plate
Power Capacity	2W Design assurance
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

Typical test curve



Functional diagram



Note

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

Typical test data

Frequency MHz	S11 VSWR	S22 VSWR	S12 IL dB	S12 Delay nS
1450	58.99	72.43	-59.88	-1.45
1500	41.45	41.14	-68.35	-12.79
1550	22.8	21.17	-37.57	1.7
1600	4.47	4.49	-11.84	7.19
1650	1.27	1.15	-2.75	6.25
1700	1.38	1.32	-2.03	4.18
1750	1.25	1.33	-1.89	3.54
1800	1.23	1.27	-1.88	3.36
1850	1.24	1.21	-1.98	3.39
1900	1.34	1.38	-2.26	3.66
1950	1.14	1.23	-2.75	4.34
2000	1.27	1.25	-4.11	6.04
2050	2.85	2.03	-12.14	7.27
2100	10.49	5.71	-34.73	2.47
2150	17.74	12.75	-61.63	-5.4

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