

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.1	~	200	MHz
IL			0.5	dB
Coupling	38.5	40	41.5	dB
Directivity	16			dB
Main line VSWR			1.2	
Coupled line VS WR			1.2	

Other parameters

Output Port	N -K
Input Port	N -K
Coupling Port	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Surface	White
Power Capacity	500W
Shell Material	Aluminium
Operation Temp	-40~+85°C Design assurance
Quality Grade	Industrial grade

Port Definition

Input port	1&2
Output port	2&1
Coupling port	3&4
Isolated Port	4&3

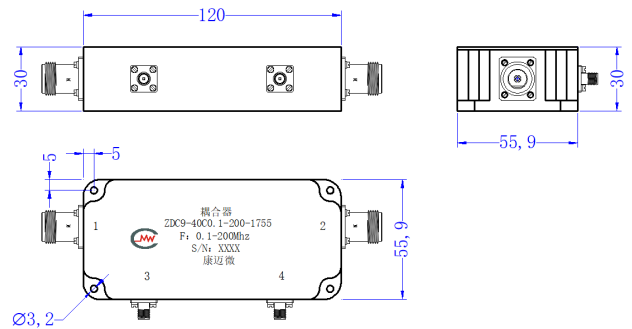
Typical test data

Frequency MHz	S11 VSWR	S22 VSWR	S12 IL (dB)	S12 Coupling	S12 ISO
0.01	1.07	1.06	-0.15	-40.54	-58.57
21	1.01	1.03	-0.22	-40.33	-59.39
43	1.01	1.03	-0.21	-40.92	-61
64	1.03	1.03	-0.26	-40.97	-62.74
86	1.04	1.03	-0.27	-40.65	-62.95
107	1.05	1.04	-0.29	-40.25	-62.89
129	1.06	1.05	-0.32	-40.01	-61.88
150	1.07	1.06	-0.32	-39.63	-61.73
171	1.09	1.07	-0.34	-39.6	-61.98
193	1.1	1.08	-0.38	-39.68	-62.27
214	1.1	1.08	-0.43	-39.43	-62.12
236	1.11	1.09	-0.47	-38.68	-61.03
257	1.12	1.09	-0.52	-37.92	-61.23
279	1.13	1.1	-0.54	-37.1	-60.09
300	1.13	1.11	-0.58	-36.32	-59.68

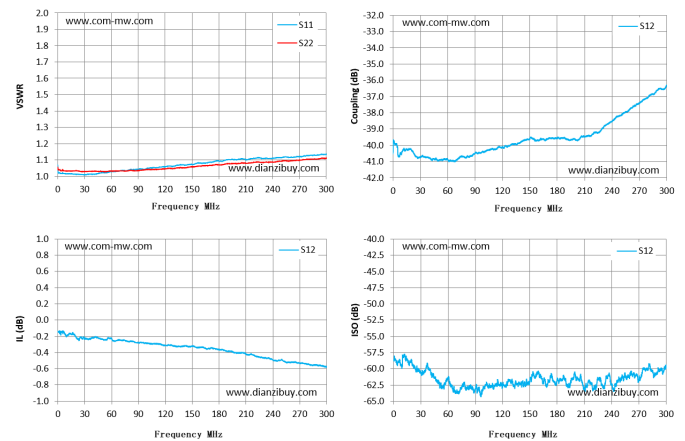
Reference picture



Configuration(mm)



Typical test curve



Note

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