

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	30.59	~	30.61	GHz
Passband IL	/	/			6	dB
Rejection	DC-30.48	GHz $\geq$	50			dB
Rejection	30.72-40	GHz $\geq$	50			dB
Passband VSWR	/	/			1.5	

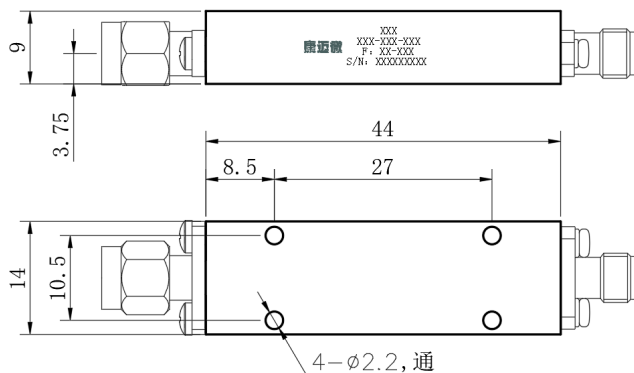
Reference picture



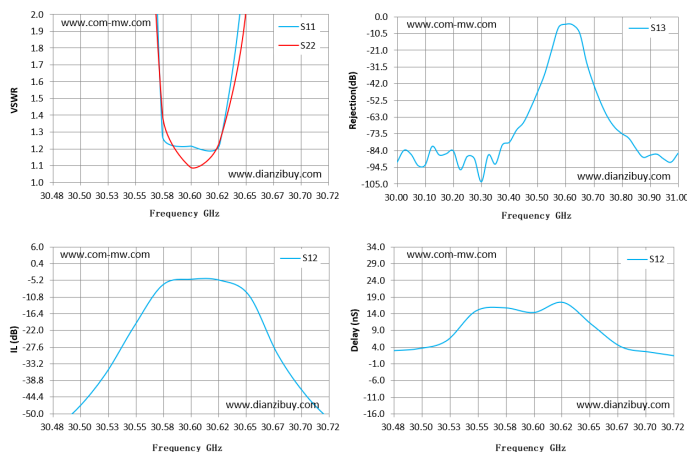
Other parameters

Connector	2.92-JK
Connector material	Stainless steel
Impedance	50 Ω
Surface	silver-plate
Power Capacity	2W Design assurance
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance

Configuration(mm)



Typical test curve



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

Typical test data

Frequency GHz	S11 VSW R	S22 VSW R	S12 IL (dB)	S12 Delay (ns)
30.48	27.61	40.48	-56.4 4	2.7
30.5	23.38	27.87	-48.6	3.4
30.51	23.38	27.87	-48.6	3.4
30.53	16.65	15.17	-36.7 5	5.81
30.55	7.88	5.6	-20.6 9	14.72
30.57	7.88	5.6	-20.6 9	14.72
30.58	1.28	1.41	-6.69	15.71
30.6	1.22	1.09	-4.74	14.3
30.62	1.22	1.09	-4.74	14.3
30.63	1.23	1.25	-5.12	17.31
30.65	2.73	2.25	-10.1 1	10.55
30.67	2.73	2.25	-10.1 1	10.55
30.69	13.63	13.66	-29.9 6	3.97
30.7	21.33	24.53	-43.9 3	2.39
30.72	21.33	24.53	-43.9 3	2.39

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.