

Product features

Broadband, low noise.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	26.5	~	40	GHz
Gain	55			dB
Gain flatness		±2		dB
Noise figure			3	dB
VSWR			2	
P-1dB	13			dBm
Max input power			15	dBm

Other parameters

Connector	2.92-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Conductive oxidation
Working voltage	+12V
Working current	160mA
Reverse isolation	50dB
Work Temp.	-40~+70°C Design assurance
DC power	DC interface DC5.5mm (outer diameter) * 2.5mm (inner diameter), powered by 220V power adapter

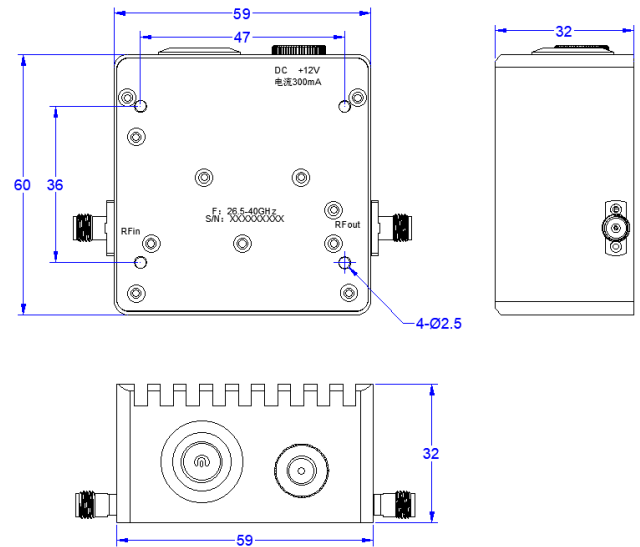
Typical test data

Frequency GHz	S11 VSWR	S22 VSWR	S21 Gain	S21 Noise	P-1 dBm
25	1.54	1.73	56	2.23	13.79
26.14	1.45	1.7	56.9	2.61	14
27.29	1.31	1.51	56.9	2.49	14.35
28.43	1.15	1.41	56.9	2.66	14.15
29.57	1.42	1.1	57.1	2.67	14.64
30.71	1.75	1.29	57	2.56	14.28
31.86	1.59	1.37	56.4	2.66	13.73
33	1.25	1.47	56.7	2.64	14.17
34.14	1.14	1.48	56.4	2.69	14.95
35.29	1.5	1.21	56.1	2.86	15.97
36.43	1.68	1.1	55.8	2.82	15.44
37.57	1.8	1.14	57.1	2.61	14.1
38.71	1.74	1.08	58.4	2.44	15.04
39.88	1.43	1.25	57.4	2.51	14.4
41	1.51	1.46	56.7	2.93	14.67

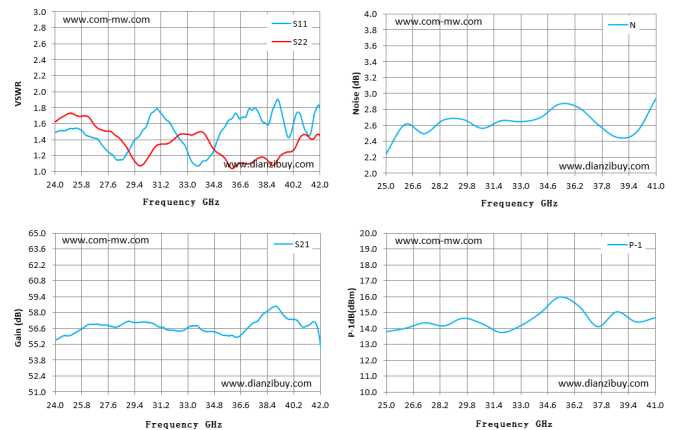
Reference picture



Configuration(mm)



Typical test curve



Note

Store in an environment with a humidity of less than 25% and pay attention to dust and static electricity prevention.