

### SPECIFICATIONS

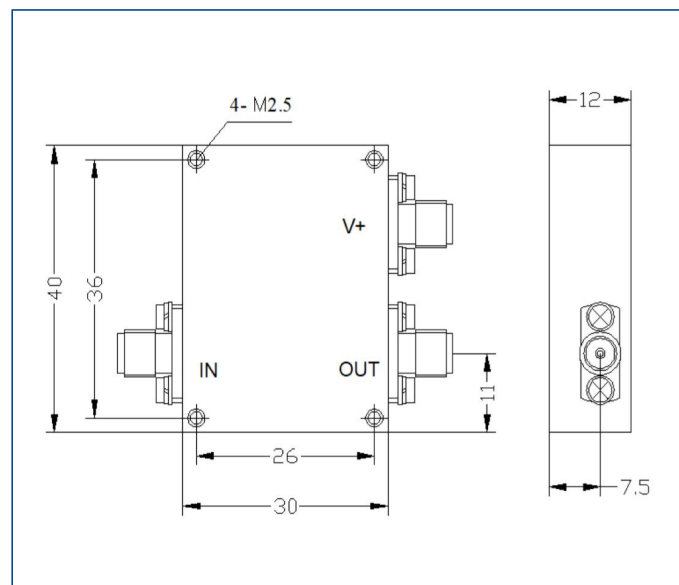
Frequency Range:	18000~40000 MHz
Gain	50dB typ.
Gain Flatness	±3dB max. / ±2dB typ.
Noise Figure	4dB max. / 3.5dB typ.
VSWR	2.5 max. / 2 typ.
Output Power(P-1dB)	15dBm min.
Impedance	50Ω
Supply Voltage	+12V (SSMA female)
Supply Current	500mA
Operating Temp.	-40°C~+85°C
Input Port Connectors	2.4mm Male



### Typical Performances

Freq. (MHz)	VSWR (S11)	VSWR (S22)	Small-Signal Gain (S21)	@1dB Compression (S21)	Noise Figure (@25°C)
Unit	dB	dB	dB	dBm	dB
17	1.14	2.06	49.34	18.9	2.91
19	1.12	1.61	49.48	20.4	3.15
20	1.13	1.36	49.99	18.8	2.98
22	1.35	1.11	50.20	21.3	3.02
24	1.52	1.17	49.82	21.6	3.22
26	1.27	1.31	48.93	18.9	3.26
27	1.46	1.16	48.60	20.7	3.22
29	1.27	1.22	48.65	18.2	3.26
31	1.38	1.34	48.82	20.0	3.39
32	1.54	1.57	48.94	17.9	3.44
34	1.40	2.13	48.53	17.2	3.29
36	1.20	1.50	49.68	16.2	3.43
38	1.19	1.54	50.21	16.0	3.15
39	1.80	1.40	50.17	16.4	2.95
41	1.84	1.18	50.02	16.3	3.07

### Dimensions[mm]



### 50 Ohm Typical Characteristics

