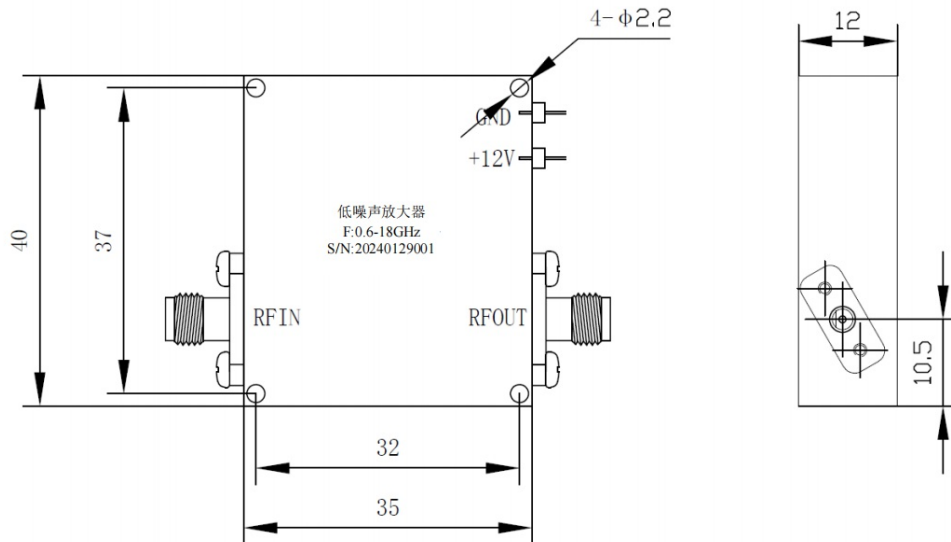




SMA LNA Module, RLNAM3540S Series

Select the frequency according to the specification table.

Dimensions(mm) Tolerance±1%



Mechanical & Product Information

Product Number	RLNAM3540S Series, P-Grade, UWB	Product Type	同轴低噪放模块, 50 Ohms
Connector	SMA母 - SMA母	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Nickel plated aluminum	Operating Temp.	-45 ~ +85°C
Dimensions	35×40×12mm	Net Weight	约 50.0g
Power supply	PIN, DC 12 Volts Typ.		

Product Selection

RFTOP P/N	Freq.Range	Gain Typ.	Flatness	P1dB	Psat	NF	IN VSWR	OUT VSWR	Power
RLNAM3540S-01F18-36 0.28A	0.1-18GHz	36dB	± 2.0 dB Typ.	≤ 3.5 dB (Typ. 2.5dB)	18dBm	20dBm	≤ 2.5 (Typ. 1.8)	≤ 2.5 (Typ. 1.8)	5dBm
RLNAM3540S-07F6-20 0.35A	0.7-6GHz	20dB (Min 19dB)	± 2.0 dB Typ.	≤ 2.5 dB (Typ. 2dB)	20dBm	22dBm	≤ 2 (Typ. 1.6)	10dBm	
RLNAM3540S-06F18-22 0.3A	0.6-18GHz	22dB (Min 20dB)	± 2.0 dB Typ.	≤ 3.5 dB (Typ. 3dB)	15dBm	16dBm	≤ 2.5 (Typ. 1.8)		
RLNAM3540S-06F18-26 0.3A	0.6-18GHz	26dB (Min 25dB)	± 2.0 dB Typ.	≤ 3.5 dB (Typ. 3dB)	15dBm	16dBm	-60dBm Typ.	≤ 2.5 (Typ. 1.8)	10dBm
RLNAM3540S-1F8-25 0.35A	1-8GHz	25dB (Min 22dB)	± 1.0 dB Typ.	≤ 2.8 dB (Typ. 2dB)	16dBm	18dBm	-60dBm Typ.	≤ 2	10dBm

Customized: including frequency range, P1dB, Psat, input/return power and other electrical performance indicators.



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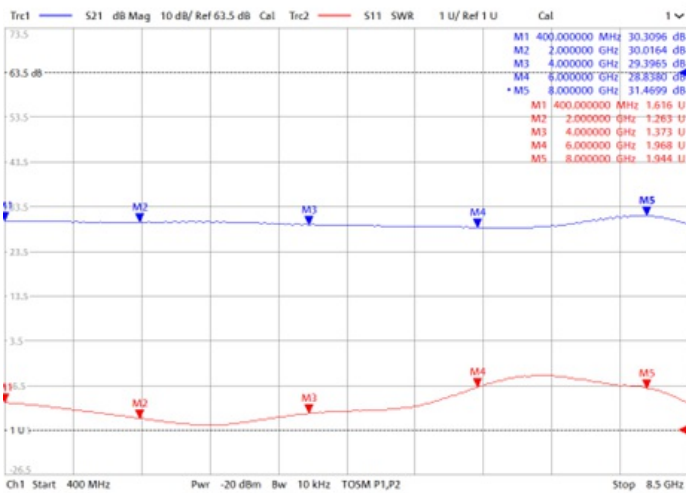
SMA LNA Module, RLNAM3540S Series

Select the frequency according to the specification table.

Typical Test Data

RLNAM3540S-1F8-25

增益曲线



噪声系数曲线

