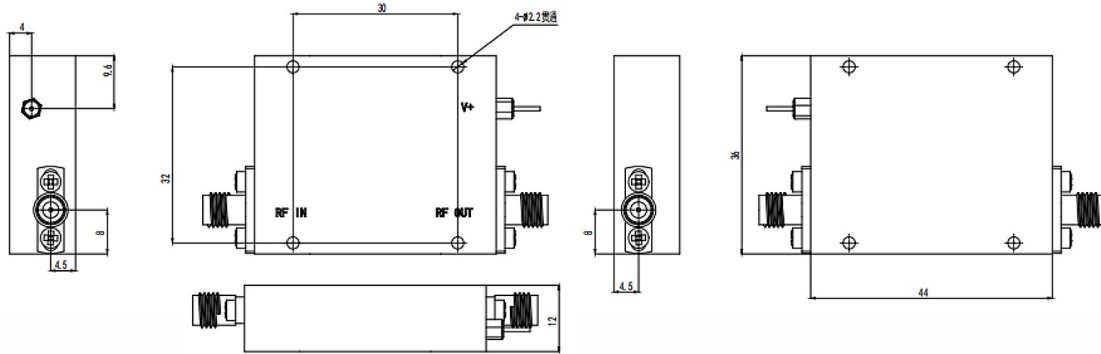


SMA Low Noise Amplifier, RLNA4436Series

Select the frequency according to the specification table.

Dimensions(mm) Tolerance $\pm 1\%$



Mechanical & Product Information

Product Number	RLNA4436S Series, P-Grade, UWB	Product Type	同轴低噪放, 50 Ohms
Connector	SMA母 - SMA母	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Gold plated brass	Operating Temp.	°C
Dimensions	44×36×12mm	Net Weight	-
Power supply	PIN, -		

Product Selection

RFTOP P/N	Freq.Range	Gain Typ.	Flatness	P1dB	Psat	NF	IN VSWR	OUT VSWR	Power
RLNA4436S-05F18-36 DC 10V(+12V Max), 0.28A	0.5-18GHz	36dB (Min 35dB)	± 2.0 dB Typ.	≤ 2.5 dB	22dBm	22.5dBm	≤ 2.4 (Typ. 1.8)	≤ 2.4 (Typ. 1.8)	5dBm
RLNA4436S-01F6-38 DC 8V(+12V Max), 0.13A	0.1-6GHz	38dB (Min 36dB)		≤ 2.5 dB (Typ. 1.8dB)	18dBm	19dBm	≤ 2.5 (Typ. 2.0)	≤ 2.5 (Typ. 2.0)	
RLNA4436S-1F18-52 DC 12V(+15V Max), 0.1A	1-18GHz	52dB (Min 50dB)		≤ 2.5 dB (Typ. 2.0dB)	12dBm	13dBm	≤ 1.8	≤ 1.8	5dBm
RLNA4436S-6F18-37 DC 12V(+14V Max), 0.1A	6-18GHz	37dB (Min 35dB)		≤ 3.5 dB (Typ. 2.5dB)	15dBm	16dBm	≤ 1.8	≤ 1.8	
RLNA4436S-6F18-42 DC 8V(+12V Max), 0.16A	6-18GHz	42dB (Min 40dB)		≤ 2.5 dB (Typ. 2.0dB)	10.5dBm	11dBm	≤ 2.5 (Typ. 2.0)	≤ 2.5 (Typ. 2.0)	
RLNA4436S-1F20-33 DC 8V, 0.1A	1-20GHz	33dB (Min 31dB)		≤ 3 dB (Typ. 2.5dB)	15dBm	≤ 1.8	≤ 1.8	5dBm	

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



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