勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw



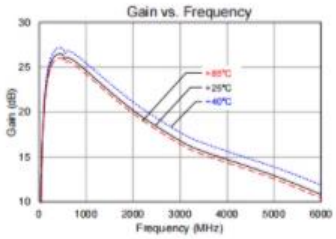
100k-6GHz全频段低噪声放大器是一种电子元件，能够在100kHz至6GHz频段内提供低噪声放大。它适用于无线通信、射频收发器系统、雷达和卫星通信等应用。

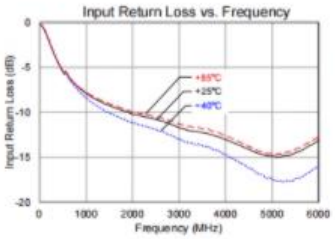
低噪声放大器的功能是放大输入信号，并尽可能保持低噪声水平。这种放大器通常采用特殊的设计和材料来降低噪声系数并提高信号质量。在100k-6GHz范围内，该放大器能够处理从极低频率到较高频率的信号。

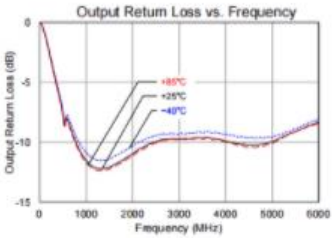
如何选择全频段低噪声放大器？有几个关键因素需要注意：增益、带宽和噪声系数。

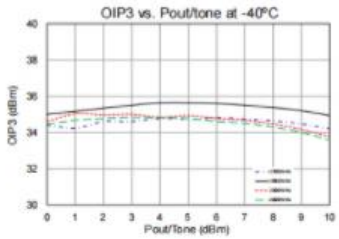
增益是指放大器放大输入信号的次数。另一方面，带宽表示放大器可以有效工作的频率范围。噪声系数衡量放大器引入的额外噪声对信号质量的影响，噪声系数越低表示放大器性能越好

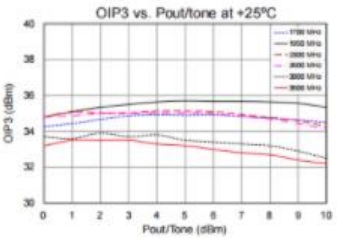
Test conditions unless otherwise noted: V_{DD}=+5 V, I_{DD}=70 mA (typ.), Temp=+25°C

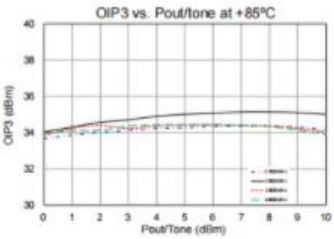


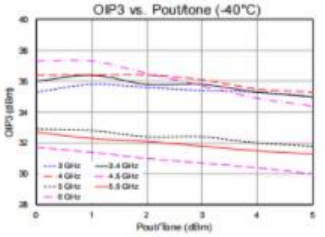


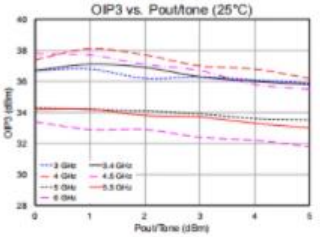


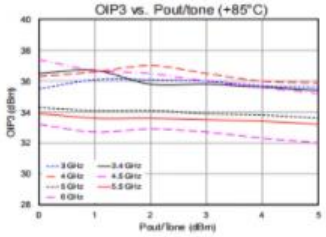




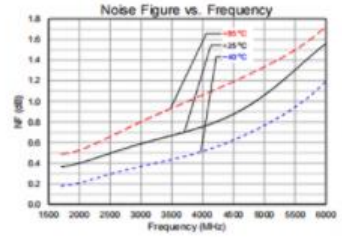


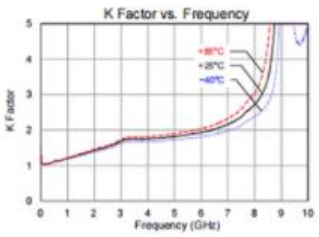


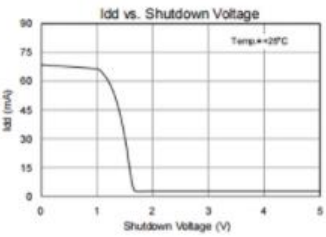


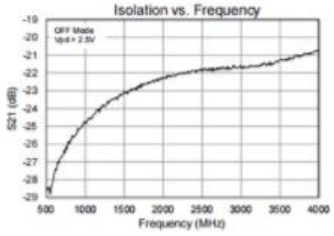


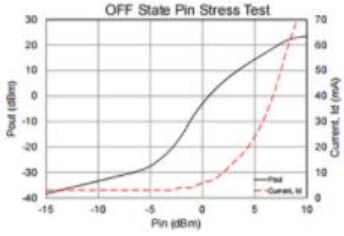
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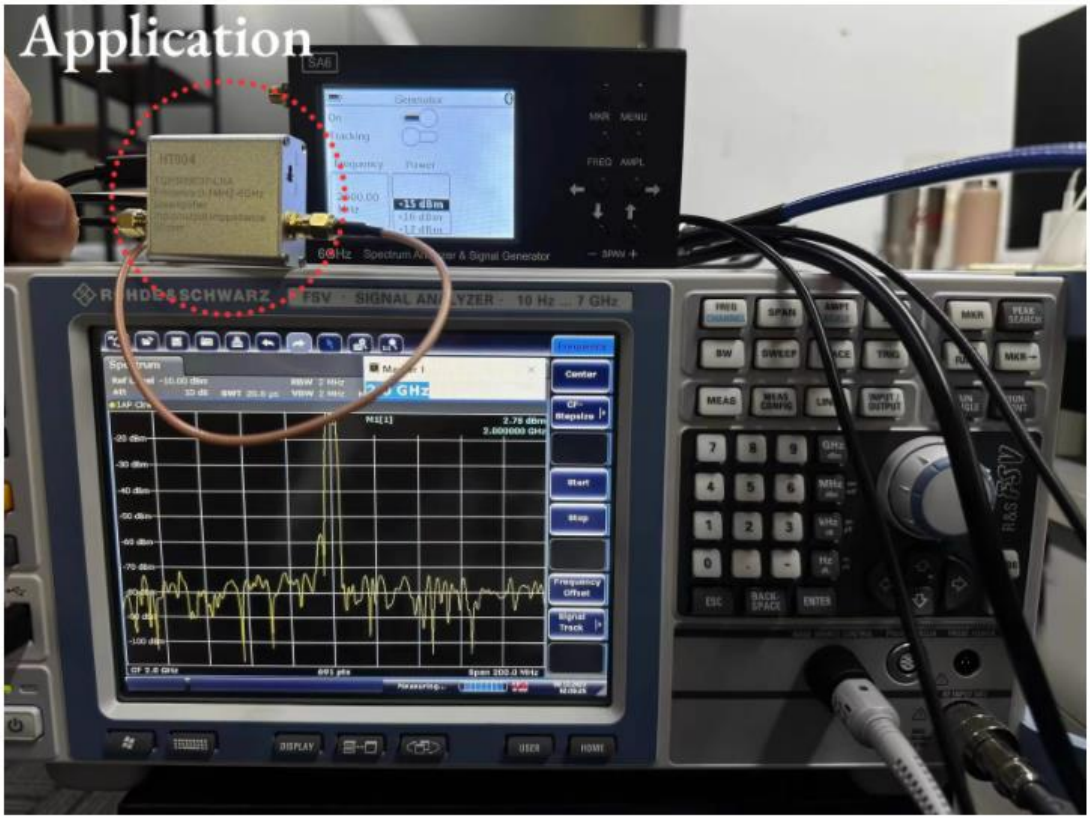








100k-6GHz full band amplifier preamplifier



HT004采用高端金属屏蔽壳

1.供电：5V 70ma;

2.频率范围:100K-6GHz;

- 超低噪声系数，1.95 GHz时为0.4 dB NF;
- 1.95 GHz时的高增益，20 dB增益;
- 高线性，+35 dBm输出IP3;
- 高输入功率坚固性，+22 dBm连续波;
- 性能稳定;
- 50欧姆输入/输出;

3.接头:SMA母头;

4.尺寸:70*45*15mm;

5.重量:32克;

6.USB Type-C Data Cable

7.静电袋包装;

8.可以加装 3.7V 300mAH 电池;



Compare



HT004	HT004A
68*40*15mm	
0.1MHz-6GHz	
5V 1A	
50Ω	
No Battery	
20dB	30dB