

GaAs MMIC Low Pass Filter Chip, DC-6GHz

Performance characteristics

- Frequency range: DC - 6 GHz
- Insertion loss : ≤ 2.2 dB
- Stopband attenuation: ≥ 20 dB@ 7.8 GHz
 ≥ 40 dB@ 8.8-18 GHz
- 50Ohm input / output
- Chip size: 1.72 x 0.91 x 0.1mm

Use limit parameters

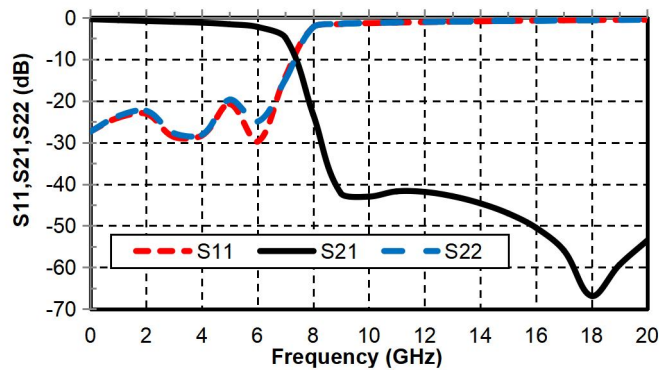
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +120	degree

Product Introduction

GFL -6 is a low-pass filter chip with a frequency range covering DC to 6GHz , an in-band insertion loss of less than 2.2 dB , and an in-band standing wave of less than 1.2 .

Main index test curve

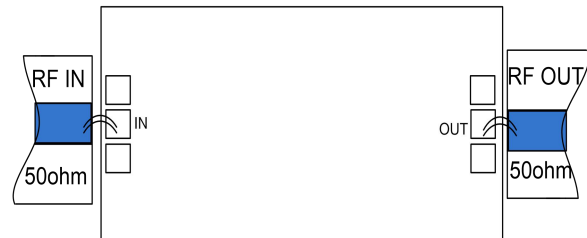
Insertion loss, input/output return loss vs. operating frequency



Appearance structure



Suggested assembly drawing



All units in the figure are micrometers