

GaAs MMIC Low Pass Filter Chip , DC-26GHz

Performance characteristics

- Frequency range: DC - 26 GHz
- Insertion loss : 2.2 dB
- Stopband attenuation: $\geq 20\text{dB}@30.4\text{GHz}$
 $\geq 30\text{dB}@31.6\text{GHz}$
- 50Ohm input / output
- Chip size: 1.00 x 0.91 x 0.1mm

Use limit parameters

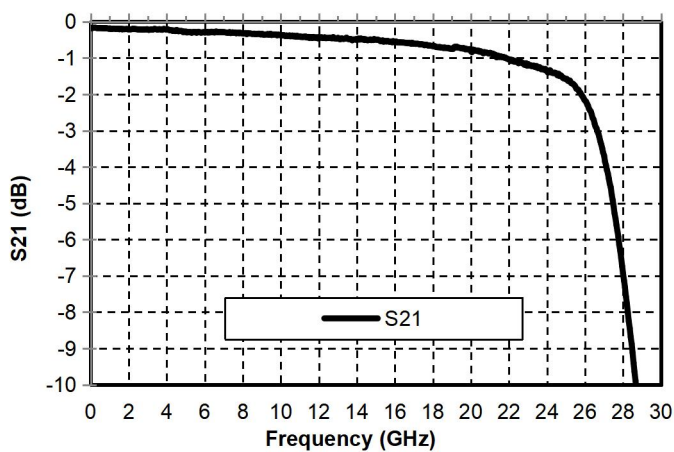
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +12.5	degree

Product Introduction

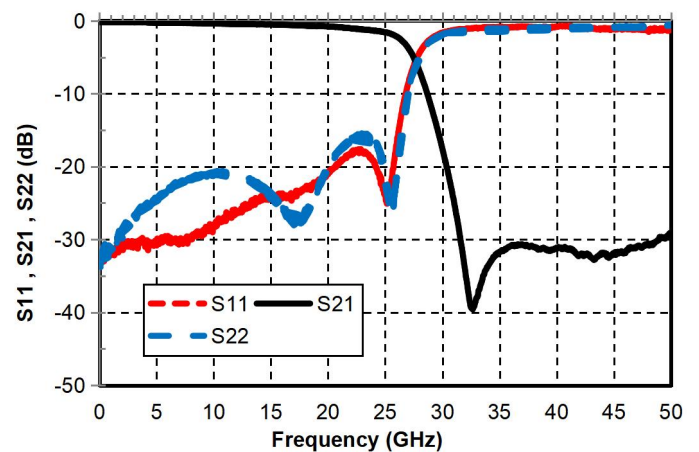
GFL - 26A is a low-pass filter chip with a frequency range of DC ~ 26 GHz , an in-band insertion loss of 2.2 dB , and an in-band standing wave of less than 1.3 .

Main index test curve

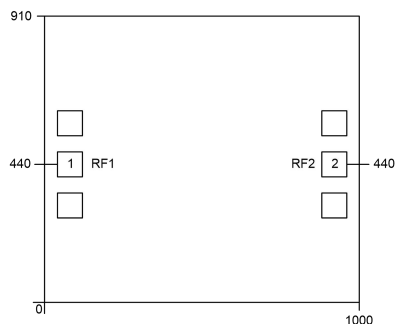
Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



Appearance structure



The units in the figure are all microns , and the dimensional tolerance is $\pm 50\mu\text{m}$.

Suggested assembly drawing

