

GaAs MMIC Low Pass Filter Chip , DC-16 GHz

Performance characteristics

- Frequency range: DC - 16 GHz
- Insertion loss : 2.3 dB
- Stopband attenuation: $\geq 20\text{dB}@ 18.5\text{ GHz}$
 $\geq 40\text{dB} @ 19.8\text{ GHz}$
- 50Ohm input / output
- Chip size: 1.72 x 0.91 x 0.1mm

Use limit parameters

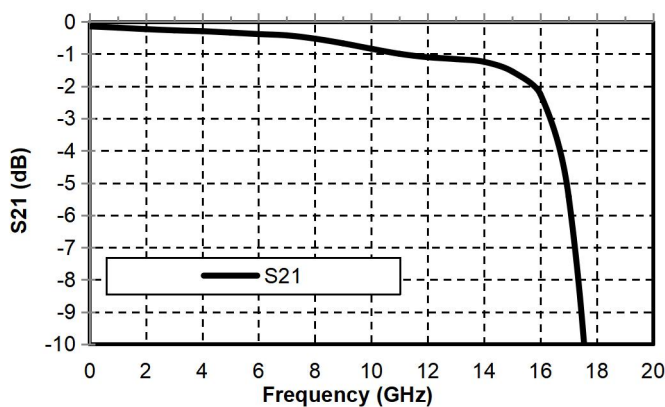
Maximum input power	30	dBm
Storage temperature	-65 ~ +150	degree
Operating temperature	-55 ~ +120	degree

Product Introduction

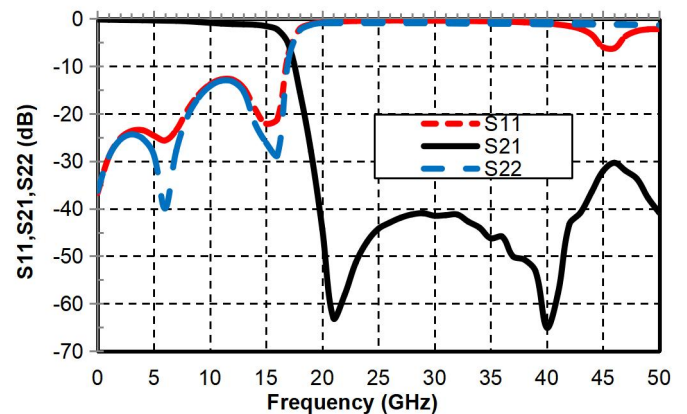
GFL-16A is a low-pass filter chip with a frequency range of DC ~16 GHz , an in-band insertion loss of 2.3 dB , and an in-band standing wave of less than 1.6 .

Main index test curve

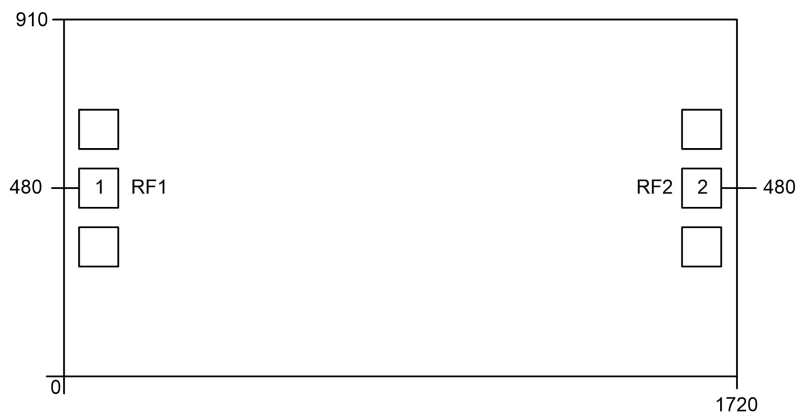
Insertion Loss vs. Operating Frequency



Frequency Response vs. Operating Frequency



Appearance structure



All units in the figure are micrometers