

GaAs MMIC 9dB Equalizer Chip, 0.1-2GHz

Performance characteristics

- Frequency range: 0.1-2GHz
- Equalization Amount : 9 dB
- Insertion loss: 0.3dB@2GHz
- Standing wave: 1.2
- 50Ohm input / output
- Chip size: 1.1 x 1.05 x 0.1mm

Use the limit parameter

Maximum input power	+30dBm
Operating temperature	-55 ~ +85°C
storage temperature	-65 ~ +150°C

Product Introduction

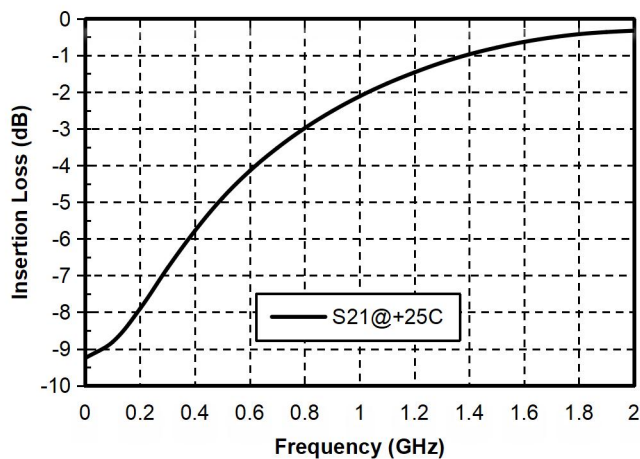
GEQ-001029B is a GaAs MMIC equalizer chip with a frequency range of 0.1 GHz to 2 GHz and an equalization amount of 9 dB.

Electrical performance parameters (TA = +25°C)

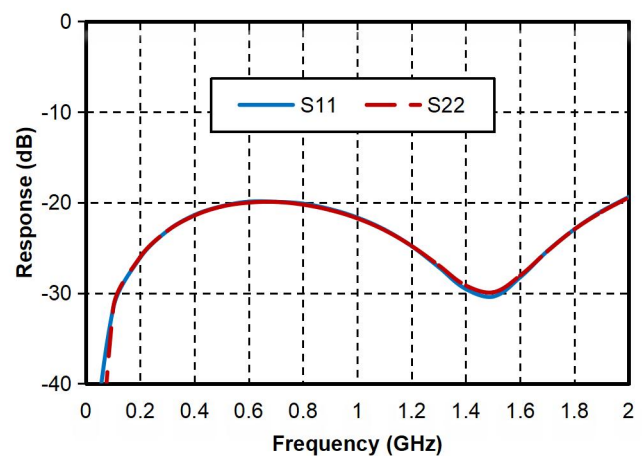
index	Minimum	Typical Value	Maximum	unit
Frequency Range	0.1-2			G Hz
Balance		9		dB
Input/output return loss	-	20/20	-	dB

Main index test curve

Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency



Appearance and structure (units in the figure are all microns)
(Dimensional tolerance: ±100um.)

Recommended assembly drawing

