

## GaAs MMIC 6dB Equalizer Chip, 0.1-2GHz

### Performance characteristics

- Frequency range: 0.1-2GHz
- Equalization Amount : 6 dB
- Insertion loss: 0.4dB@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

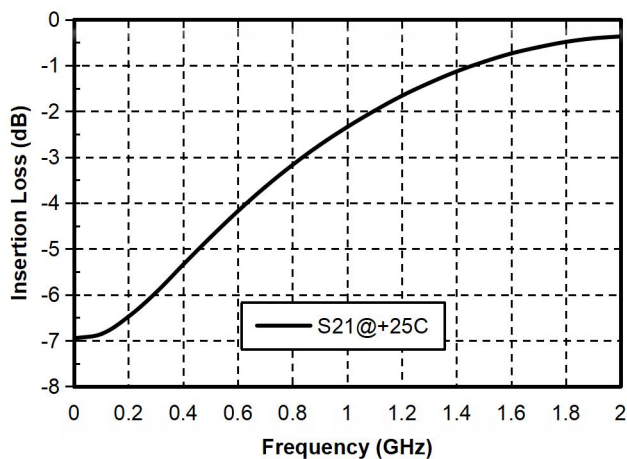
GEQ-001026B is a GaAs MMIC equalizer chip with a frequency range of 0.1 GHz to 2 GHz and an equalization amount of 6 dB .

#### Electrical performance parameters ( TA = +25°C)

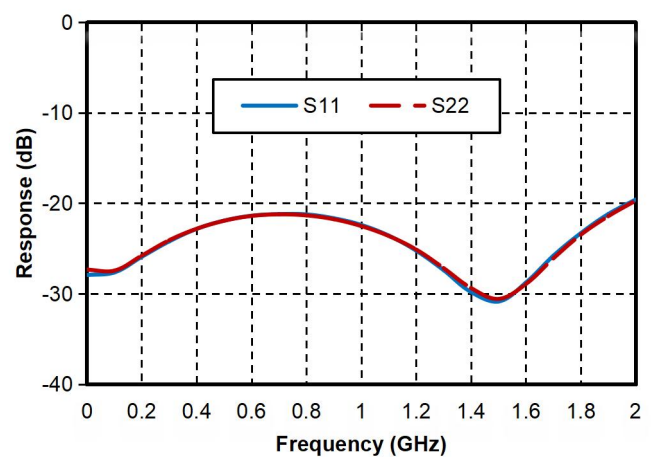
index	Minimum	Typical Value	Maximum	unit
Frequency Range	0.1-2			G Hz
Balance		6		dB
Input/output return loss	-	19/19	-	dB

#### 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

