

## GaAs MMIC 4dB Equalizer Chip , 1-12 GHz

### Performance characteristics

- Frequency range: 1-12 GHz
- Equalization Amount : 4 dB
- Insertion loss: 0.5@12GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.65 x 0.72 x 0.1mm

Use the limit parameter

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

### Product Introduction

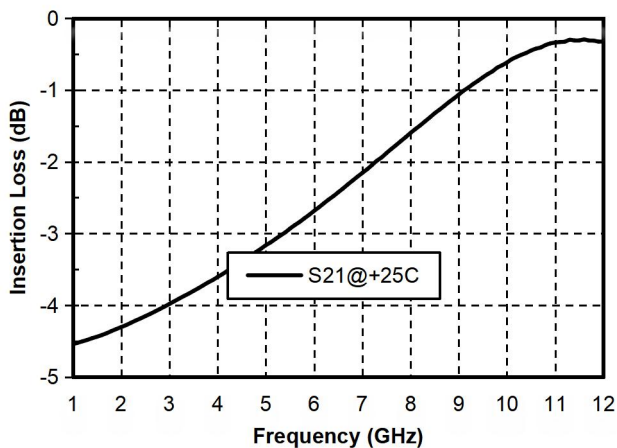
GEQ-01124 is a GaAs MMIC equalizer chip with a frequency range of 1 GHz to 12 GHz , an equalization amount of 4 dB , and an input / output standing wave of 1.2/1.2.

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

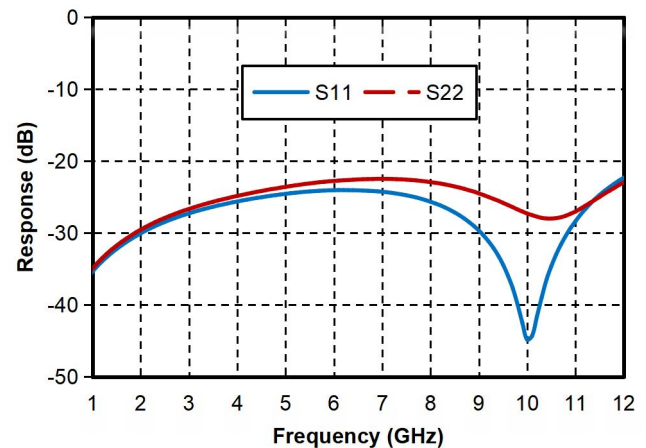
Index	Minimum	Typical Value	Maximum	unit
Frequency Range	1-12			G Hz
Balance		4		dB
Input/output return loss	-	26/24	-	dB

#### 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 )

Recommended assembly drawing

