

GaAs MMIC 4dB Equalizer Chip, 0.8-2.8GHz

Performance characteristics

- Frequency range: 0.8-2.8 GHz
- Equalization Amount : 4 dB
- Insertion loss: 0.4dB@2.8GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.72 x 0.85 x 0.1mm

Use the limit parameter

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

Product Introduction

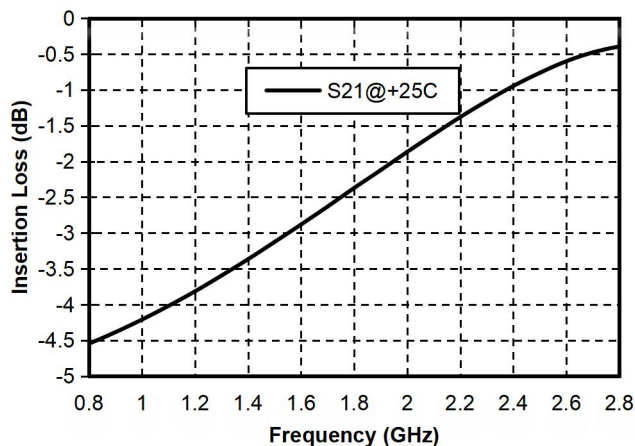
GEQ-01304 is a GaAs MMIC equalizer chip with a frequency range of 0.8 GHz to 2.8 GHz , an equalization amount of 4 dB , and an input / output standing wave of 1.2/1.2.

Electrical performance parameters (TA = +25°C)

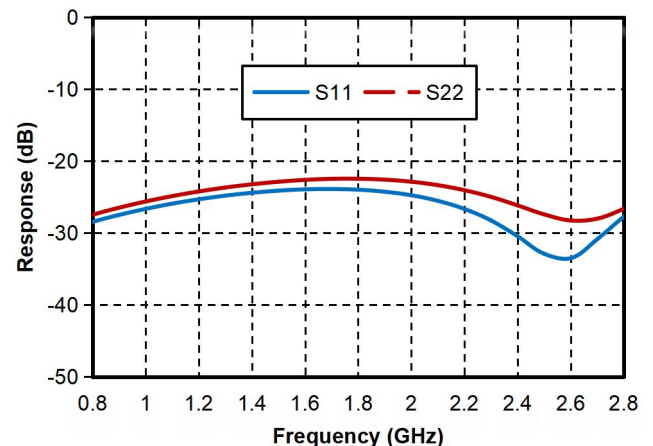
Index	Minimum	Typical Value	Maximum	unit
Frequency Range		0.8-2.8		G Hz
Balance		4		dB
Input / output return loss	-	25/26	-	dB

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

