

GaAs MMIC 3dB Equalizer Chip, 8-12GHz

Performance characteristics

- Frequency range: 8-12 GHz
- Equalization Amount : 3 dB
- Insertion loss: 0.5dB@12GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.72 x 0.65 x 0.1mm

Use the limit parameter

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

Product Introduction

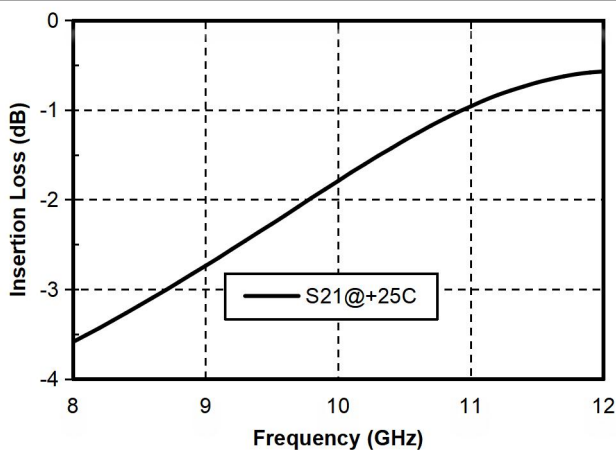
GEQ-08123 is a GaAs MMIC equalizer chip with a frequency range of 8 GHz to 12 GHz , an equalization amount of 3dB , and an input / output standing wave of 1.2/1.2.

Electrical performance parameters (TA = +25°C)

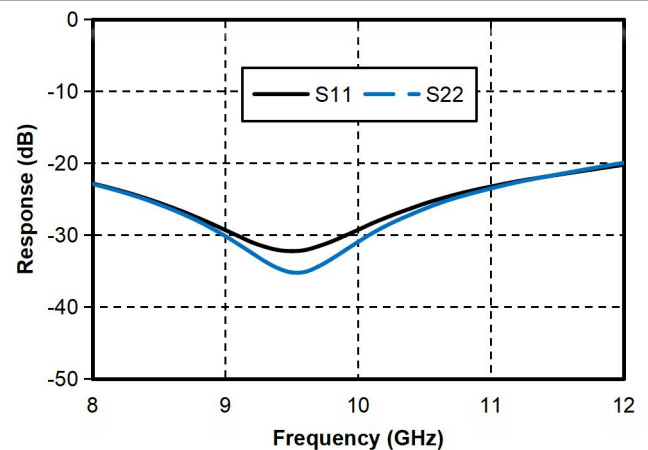
Index	Minimum	Typical Value	Maximum	unit
Frequency Range	8-12			G Hz
Balance		6		dB
Input / output return loss	-	25/24	-	dB

Main index test curve

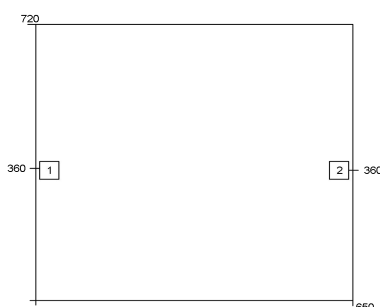
Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency



Appearance and structure (units in the figure are all microns)



Recommended assembly drawing

