

GaAs MMIC 4dB Equalizer Chip, 1.3-2.3GHz

Performance characteristics

- Frequency range: 1.3-2.3GHz
- Equalization Amount : 4 dB
- Insertion loss: 1.0 dB @ 1.3 GHz , 2.3 GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.65 x 0.7 x 0.1mm

Use the limit parameter

Maximum input power	+30dBm
Operating temperature	-55 ~ + 125 °C
storage temperature	-65 ~ +150°C

Product Introduction

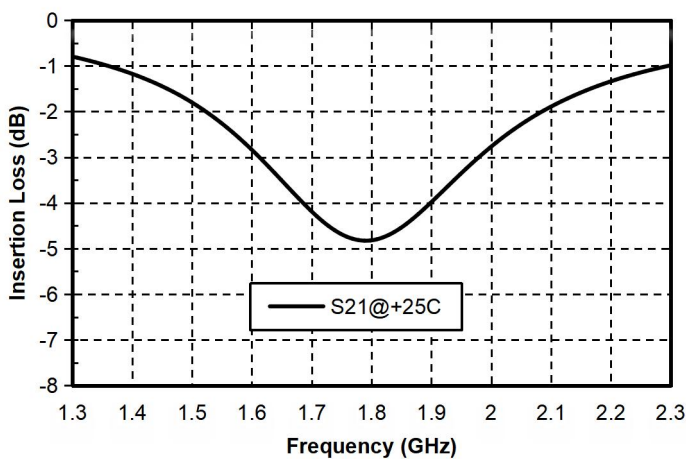
GEQ-013023-4B is a GaAs MMIC equalizer chip with a frequency range of 1.3 GHz ~2.3 GHz , an equalization amount of 4 dB , and an input / output standing wave of 2.0/2.0.

Electrical performance parameters (TA = +25°C)

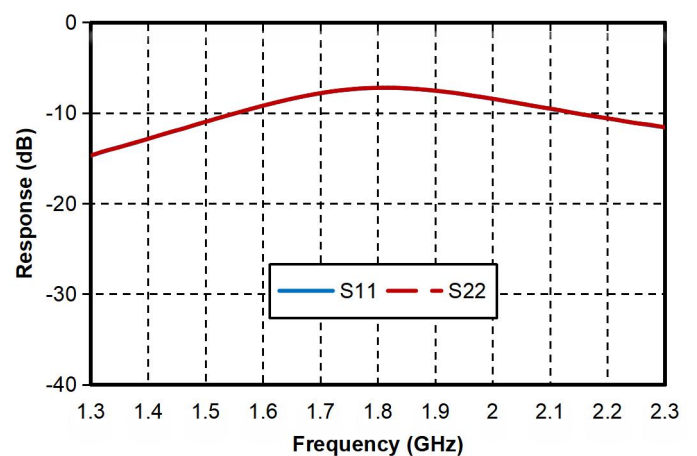
index	Minimum	Typical Value	Maximum	Unit
Frequency Range	1.3~2.3			G Hz
Balance	-	4	-	dB
Input / output return loss	-	9.5/9.5	-	dB

Main index test curve

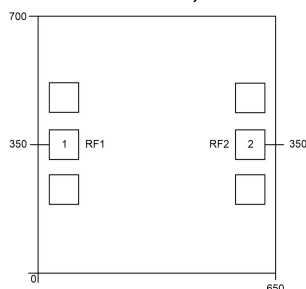
Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency



Appearance and structure (the units in the figure are all micrometers , the external dimension tolerance is $\pm 50\mu\text{m}$)



Recommended assembly drawing

