

GEQ - 0020-12A

GaAs MMIC 12dB Equalizer Chip, DC-20GHz

Performance characteristics

- Frequency range: DC-20GHz
- Equalization Amount : 12 dB
- Insertion loss: 0.6dB @ 20GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 1.00 x 0.91 x 0.1mm

Use the limit parameter

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

Product Introduction

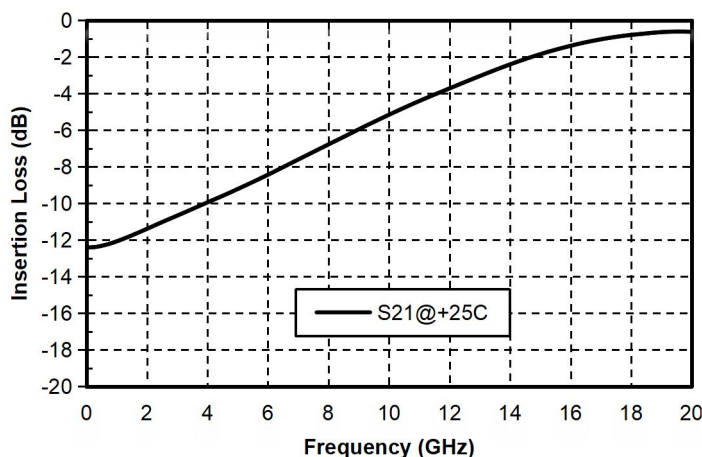
GEQ-0020-12A is a GaAs MMIC equalizer chip with a frequency range of DC~20GHz , an equalization amount of 12dB , and an input / output standing wave of 1.2/1.2.

Electrical performance parameters (TA = +25°C)

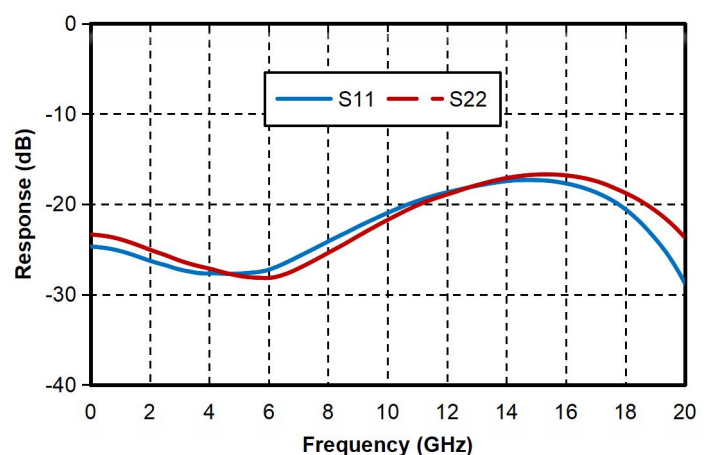
index	Minimum	Typical Value	Maximum	unit
Frequency Range	DC-20			G Hz
Balance	-	12	-	dB
Input / output return loss	-	20/20	-	dB

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 microns , and the external dimension tolerance is $\pm 50\mu\text{m}$)

Recommended assembly drawing

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