

GaAs MMIC 2dB Equalizer Chip, 1-2GHz

Performance characteristics

- Frequency range: 1-2GHz
- Equalization Amount : 2 dB
- Insertion loss: 0.3dB@2GHz
- Standing wave: 1.1
- 50Ohm input / output
- Chip size: 0.72 x 0.81 x 0.1mm

Use the limit parameter

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

Product Introduction

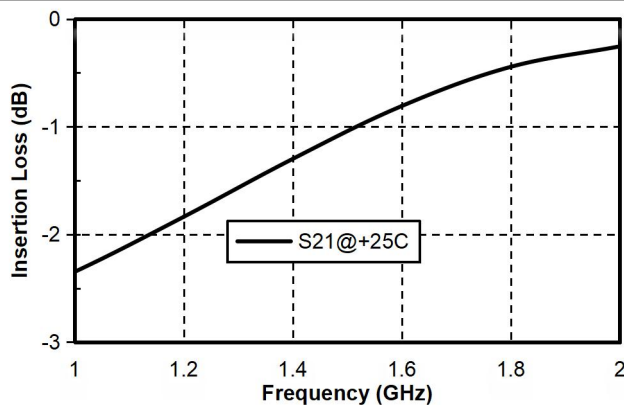
GEQ-01022B is a GaAs MMIC equalizer chip with a frequency range of 1 GHz to 2 GHz and an equalization amount of 2 dB .

Electrical performance parameters (TA = +25°C)

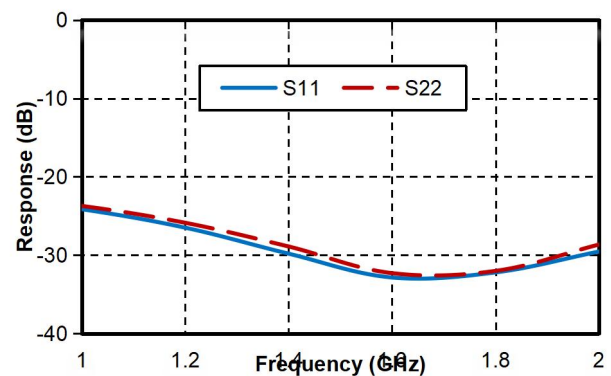
| index | Minimum | Typical Value | Maximum | unit |
|----------------------------|---------|---------------|---------|------|
| Frequency Range | 1-2 | | | G Hz |
| Balance | 2 | | | dB |
| Input / output return loss | - | 20/20 | - | dB |

Main index test curve

Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency



Appearance structure (units in the figure are all microns) (Dimensional tolerance: ± 5 0um.)

