

## GaAs MMIC -3dB Equalizer Chip, 2-20GHz

### Performance characteristics

- Frequency range: 2-20 GHz
- Equalization Amount : - 3 dB
- Insertion loss: 0.5dB@2GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.82 x 0.72 x 0.1mm

Use the limit parameter

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

### Product Introduction

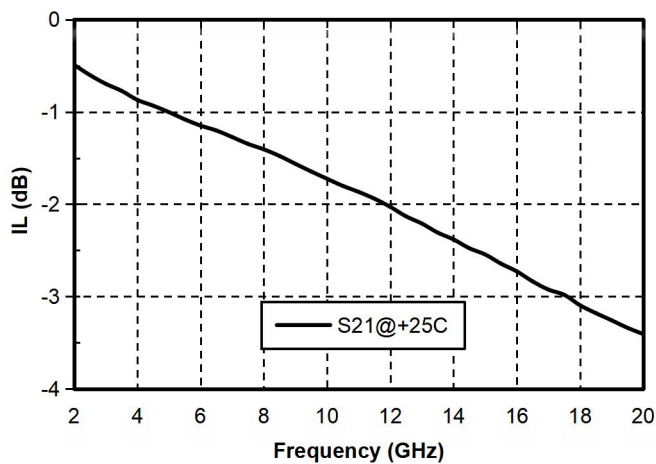
GEQ-02203N is a GaAs MMIC negative equalizer chip with a frequency range of 2 GHz to 20 GHz , an equalization amount of -3 dB , and an input / output standing wave of 1.2/1.2.

### Electrical performance parameters ( TA = +25°C)

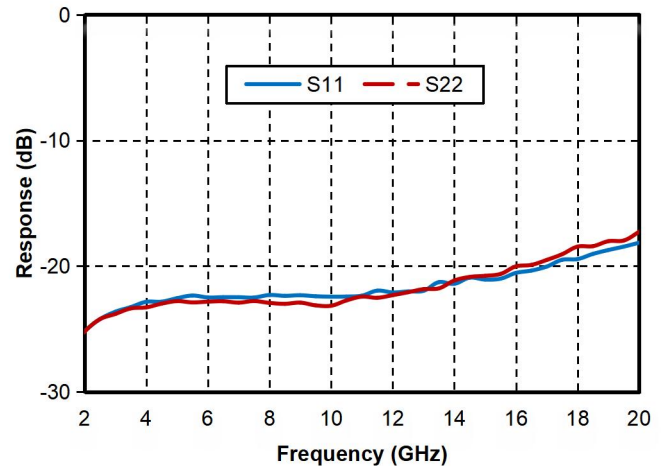
index	Minimum	Typical Value	Maximum	unit
Frequency Range	2-20			G Hz
Balance		-3		dB
Input / output return loss	-	21/21	-	dB

### 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

