

## GaAs MMIC 3dB Equalizer Chip, 2-18GHz

### Performance characteristics

- Frequency range: 2-18 GHz
- Equalization Amount : 3 dB
- Insertion loss: 0.55dB@18GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.69 x 0.75 x 0.1mm

Use the limit parameter

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

### Product Introduction

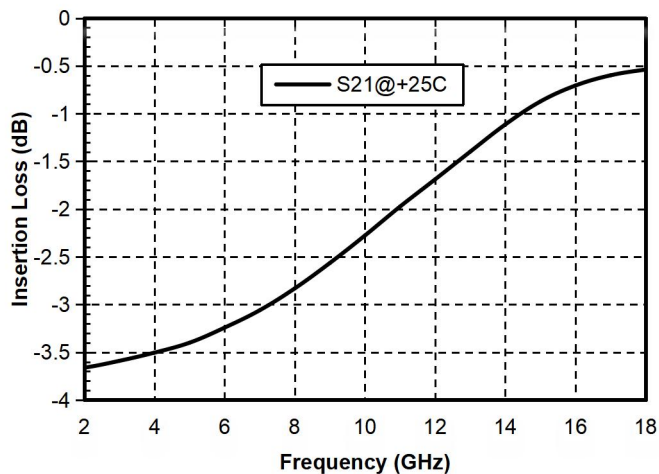
GEQ-02183 is a GaAs MMIC equalizer chip with a frequency range of 2GHz to 18GHz , an equalization value of 3dB , and an input / output standing wave of 1.1/1.1.

Electrical performance parameters ( TA = +25°C)

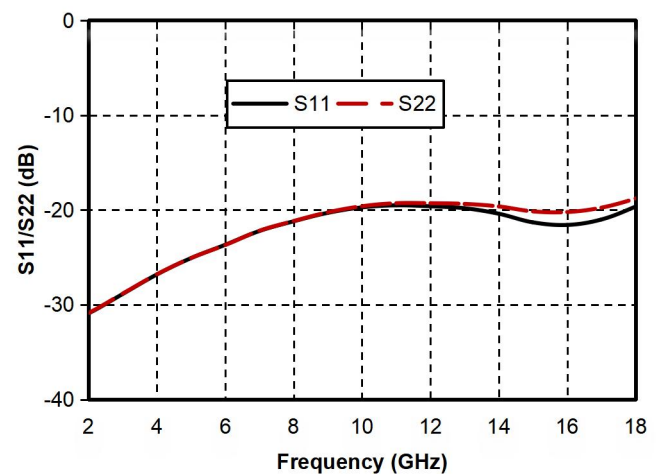
index	Minimum	Typical Value	Maximum	unit
Frequency Range	2-18			G Hz
Balance		3		dB
Input / output return loss	-	27/28	-	dB

### 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

