

## GaAs MMIC 5dB Equalizer Chip, 6-18GHz

### Performance characteristics

- Frequency range: 6-18 GHz
- Equalization Amount : 5 dB
- Insertion loss: 0.4dB@18GHz
- 50Ohm input / output
- 100% on-wafer testing
- 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

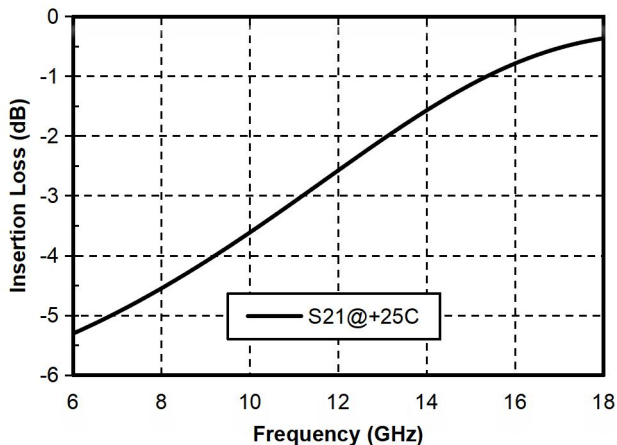
GEQ-06185 is a GaAs MMIC equalizer chip with a frequency range of 6 GHz to 18 GHz , an equalization amount of 5 dB , and an input / output standing wave of 1.1/1.1.

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

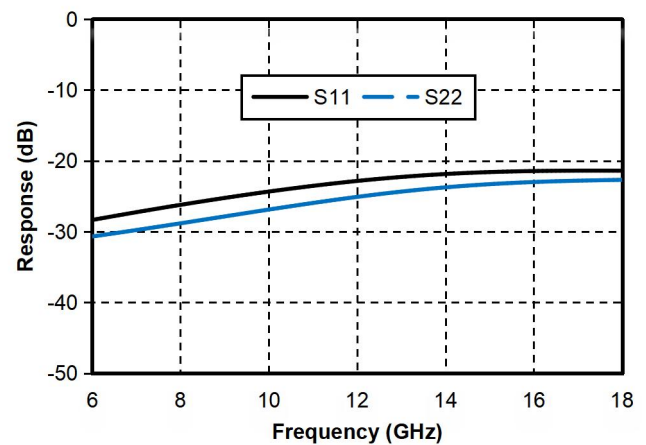
index	Minimum	Typical Value	Maximum	unit
Frequency Range	6-18			G Hz
Balance		5		dB
Input / output return loss	-	22/23	-	dB

### Main index test curve

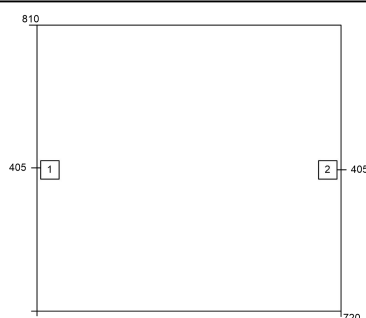
Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency



Appearance and structure ( units in the figure are all microns )



Recommended assembly drawing

