

## GaAs MMIC 2dB Equalizer Chip, 20-70GHz

### Performance characteristics

- Frequency range: 20-70 GHz
- Equalization Amount : 2 dB
- Insertion loss: 2.0dB @ 70 GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.58 x 0.73 x 0.1mm

Use the limit parameter

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

### Product Introduction

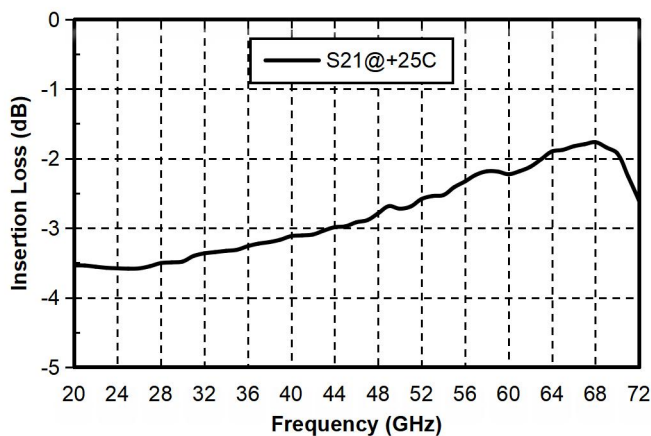
GEQ-2070-2A is a GaAs MMIC equalizer chip with a frequency range of 20 GHz to 70 GHz , an equalization amount of 2 dB , and an input / output standing wave of 1.1/1.3.

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

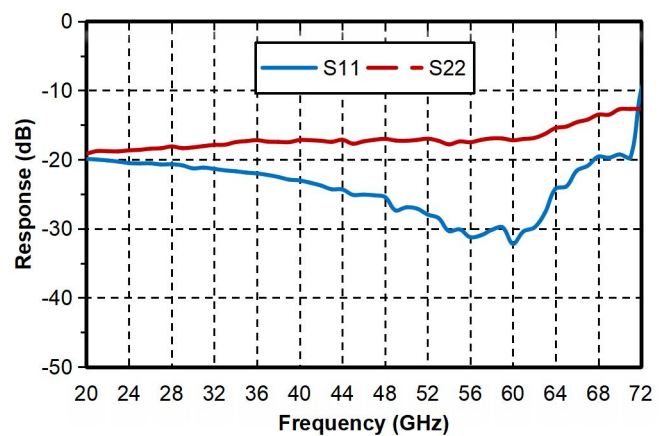
index	Minimum	Typical Value	Maximum	unit
Frequency Range	20-70			G Hz
Balance		2		dB
Input / output return loss	-	24/17	-	dB

### 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 )  
( Dimensional tolerance :  $\pm 5$  0um.)

Recommended assembly drawing

