

GaAs MMIC 1dB Equalizer Chip, 20-70GHz

Performance characteristics

- Frequency range: 20-70GHz
- Equalization Amount : 1 dB
- Insertion loss: 2.0dB @ 70 GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.76 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

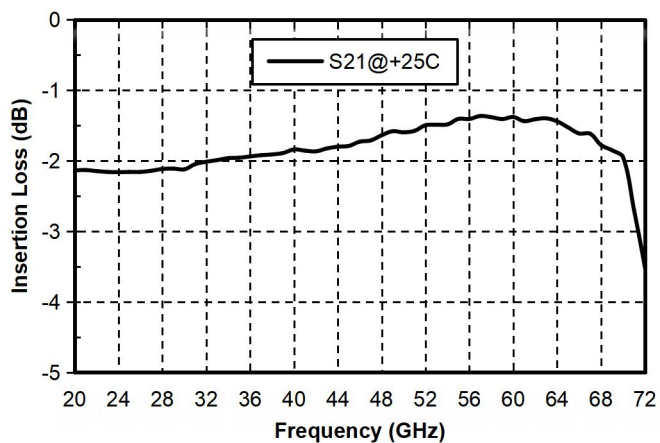
GEQ-2070-1A is a GaAs MMIC equalizer chip with a frequency range of 20 GHz to 70 GHz , an equalization amount of 1 dB , and an input / output standing wave of 1.4/1.5.

Electrical performance parameters (TA = +25°C)

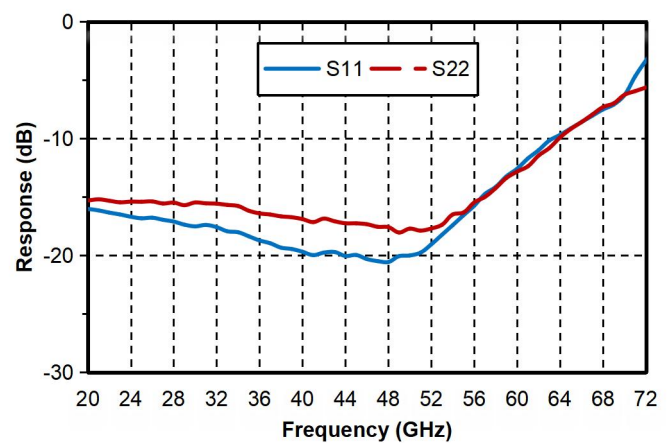
index	Minimum	Typical Value	Maximum	unit
Frequency Range	20-70			G Hz
Balance		1		dB
Input / output return loss	-	16/14	-	dB

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 : ± 5 0um.)

Recommended assembly drawing

