

GaAs MMIC 6dB Equalizer Chip, 18-40GHz

Performance characteristics

- Frequency range: 18-40GHz
- Equalization Amount : 6 dB
- Insertion loss: 1.8dB @ 40 GHz
- 50Ohm input / output
- 100% on-wafer testing
- Chip size: 0.85 x 1.00 x 0.1mm

Use the limit parameter

Maximum input power	+30dBm
Operating temperature	-55 ~ + 125 ° C
storage temperature	-65 ~ +150°C

Product Introduction

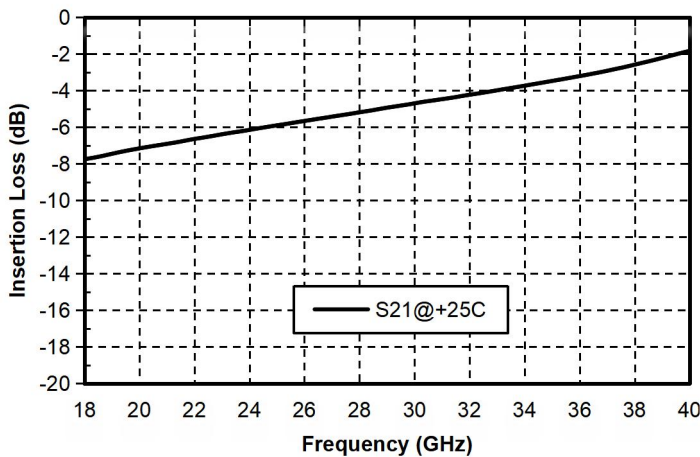
GEQ-1840-6A is a GaAs MMIC equalizer chip with a frequency range of 18~40GHz , an equalization amount of 6dB , and an input / output standing wave of 1.5/1.5.

Electrical performance parameters (TA = +25°C)

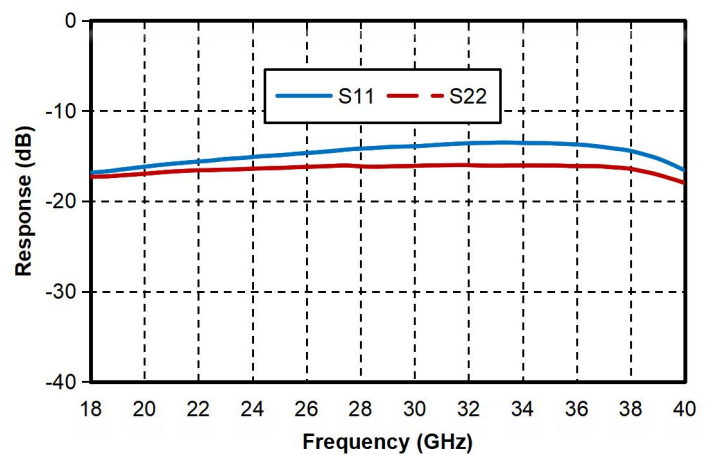
index	Minimum	Typical Value	Maximum	unit
Frequency Range	18-40			G Hz
Balance	-	6	-	dB
Input/output return loss	-	15/15	-	dB

Main index test curve

Insertion Loss vs. Operating Frequency



Input /Output Return Loss vs. Operating Frequency



Appearance and structure (the units in the figure are all micrometers , the external dimension tolerance is $\pm 50\mu\text{m}$)

Recommended assembly drawing

