

## GaAs MMIC 35dB Equalizer Chip, 6-24GHz

### Performance characteristics

- Frequency range: 6-24 GHz
- Equalization amount : 3, 5 dB
- Insertion loss: 0.8 dB , 1.0 dB @ 24GHz
- Standing wave: 1.2
- 50Ohm input / output
- Chip size: 0.74 x 1.0 x 0.1mm

Use the limit parameter

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

### Product Introduction

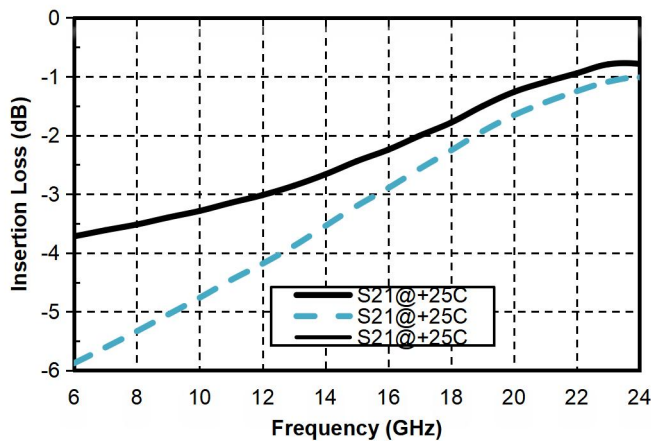
GEQ-06243/5 is a dual-channel GaAs MMIC equalizer chip with a frequency range of 6 GHz to 24 GHz and an equalization amount of 3.5 dB .

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

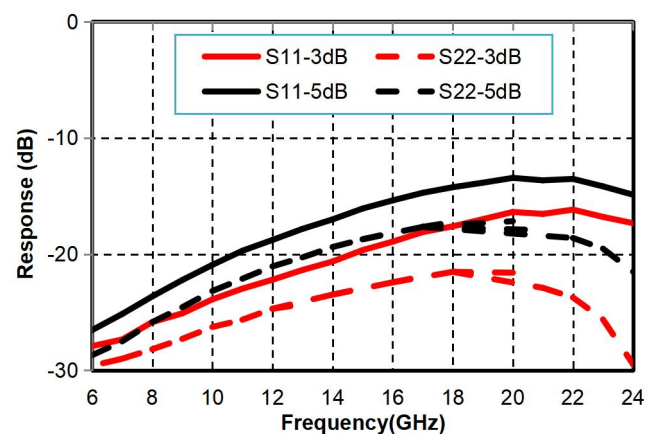
Index	Minimum	Typical Value	Maximum	unit
Frequency Range	6-24			G Hz
Balance		3, 5		dB
Input / output return loss	-	20/20	-	dB

### Main index test curve

Insertion Loss vs. Operating Frequency

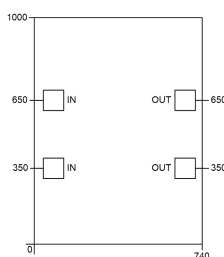


Input /Output Return Loss vs. Operating Frequency



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

( Dimensional tolerance:  $\pm 100\mu\text{m}$  )



### Recommended assembly drawing

