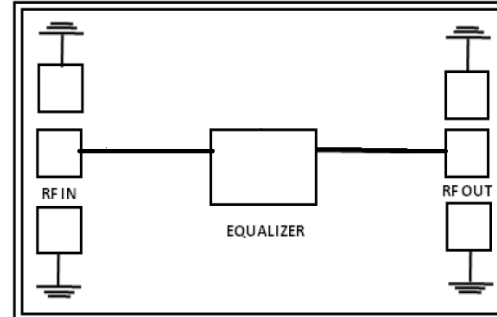


DC-20GHz Wide Band Gain Equalizer

Features

- ◆ Frequency Range: DC-20 GHz
- ◆ Gain Slope from 3.5dB
- ◆ Return Loss>20dB
- ◆ Die Size:0.74 mm×0.6 mm×0.1mm

Functional Diagram



Description

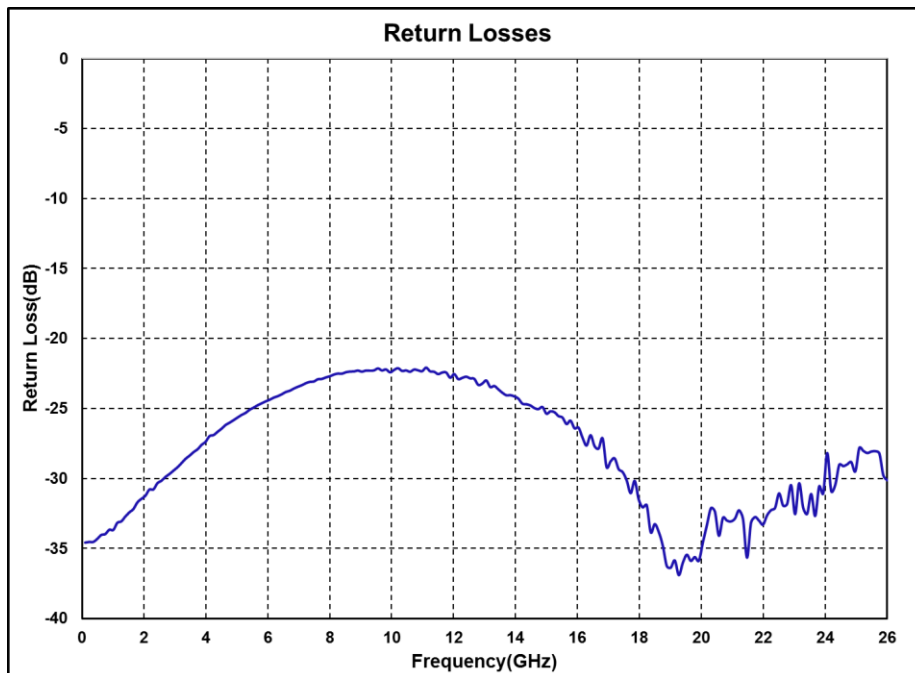
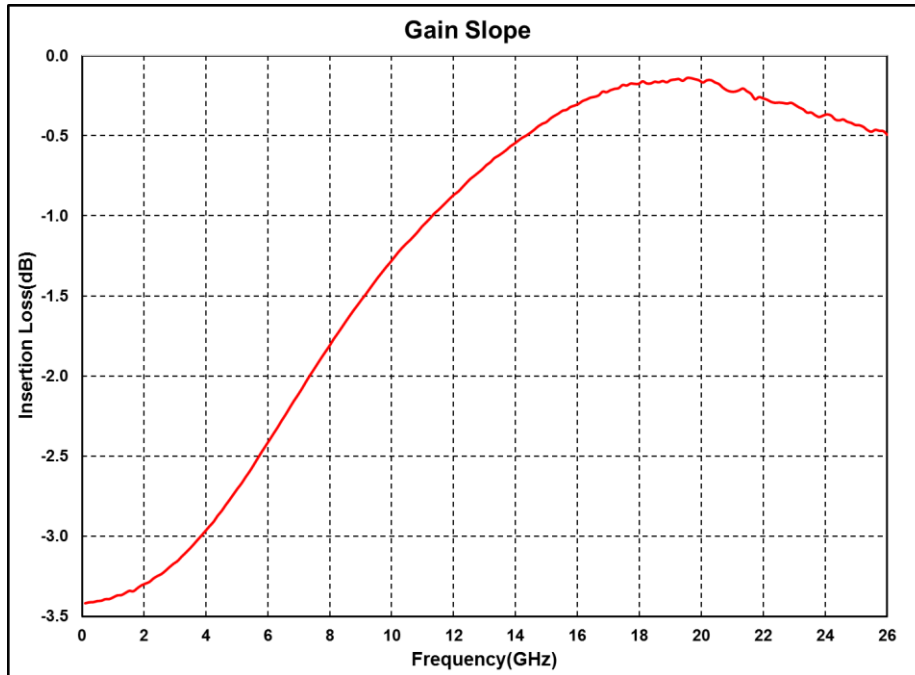
The GE3P2 is a DC-20GHz Gain Equalizer. The Gain Equalizer features 3.5dB insertion loss. This Gain Equalizer offers 3.2dB of Negative Gain slope compensation. The Circuit grounds are provided through Vias to the backside metallization.

Electrical Specifications @ T_A = 25 °C, Z_o =50Ω,

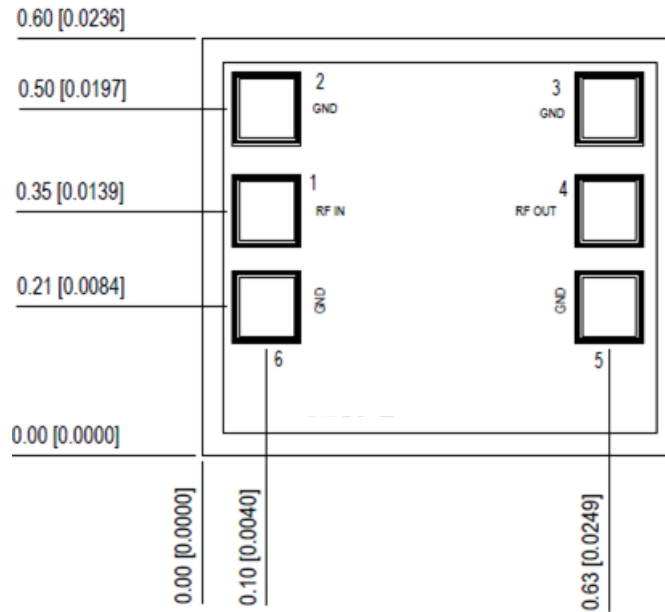
Parameter	Typical Values	Units
Frequency Range	DC-20	GHz
Insertion Loss	3.4 to 0.2	dB
Gain Slope	3.2	dB
Return Loss	>20	dB
Max Power Handling	25	dBm

Note: The above parameters specified are On Wafer probed results.

On Wafer Probed Results



RF and DC Bias Pad Details



Units : millimeters (inches)

Note :

1. All RF and DC bond pads are 100µm x 100µm
2. Pad no.1: RF IN
3. Pad no.4: RF OUT
4. Pad no.2,3,5,6: GND

This is an advance info sheet for information only. All information is subject to change without prior notice. It is advised to refer released data sheet for more details.