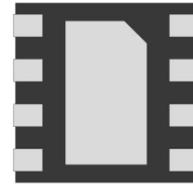


Fixed Attenuator Chip

- ◆ DC to 43.5GHz
- ◆ 10 dB and 10 dB
- ◆ 2 W



Features

- Adopting advance GaAs technology
- Excellent attenuation accuracy & phase balance
- High ESD level
- Low VSWR
- Die Package

Model No. Description

FACXXXXXX

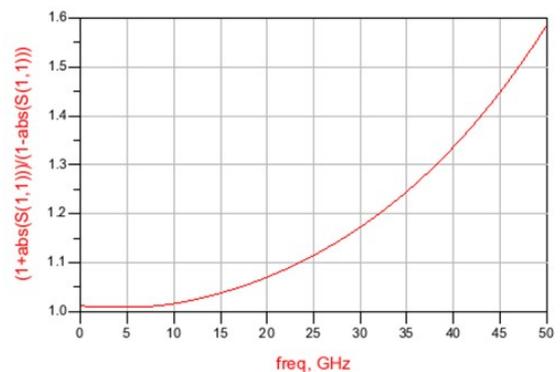
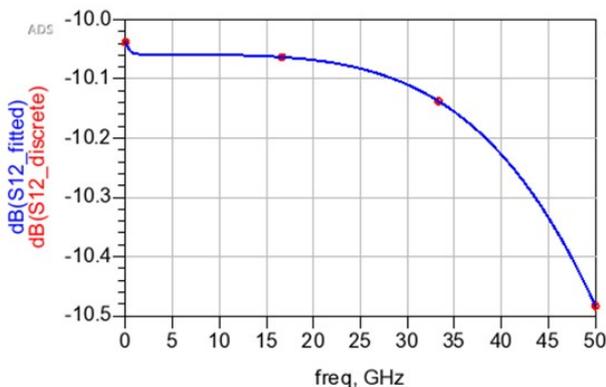
- XX- attenuation: **dB.
- XX- attenuation: **dB.
- XX-frequency range 06: DC to 6GHz
- 10: DC to 10GHz
- 12: DC to 12.4GHz
- 18: DC to 18GHz
- 26: DC to 26.5GHz.
- 43: DC to 43.5GHz.

Specifications

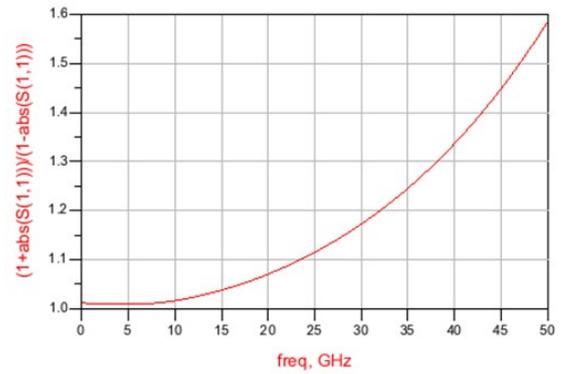
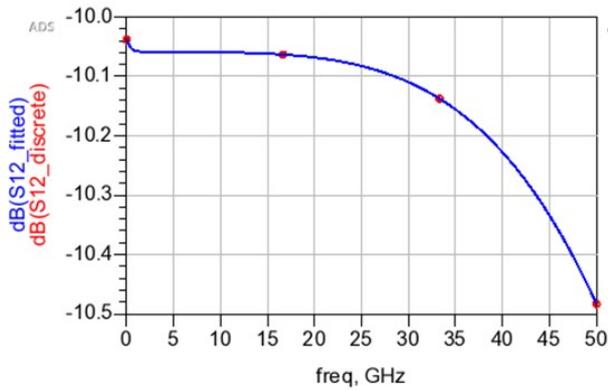
Frequency Range	DC to 43.5GHz
Attenuation	10 dB and 10 dB
Nonimal Impeance	50 Ohm
Rated Input Power	2W@25°C 1W@85°C
Operating Temperature	-45 °C to +85 °C

Paramter	Freq.Range (GHz)	Typ. (10dB)	Freq.Range (GHz)	Typ. (10dB)
Attenuation (dB)	DC-5	10±0.10	DC-5	10±0.10
	5-15	10±0.15	5-15	10±0.15
	15-18	10±0.25	15-18	10±0.25
	18-26.5	10±0.25	18-26.5	10±0.25
	26.5-43.5	10±0.30	26.5-43.5	10±0.30
VSWR (:1)	DC-5	1.10	DC-5	1.10
	5-15	1.25	5-15	1.25
	15-18	1.30	15-18	1.30
	18-26.5	1.35	18-26.5	1.35
	26.5-43.5	1.40	26.5-43.5	1.40

Test Curve

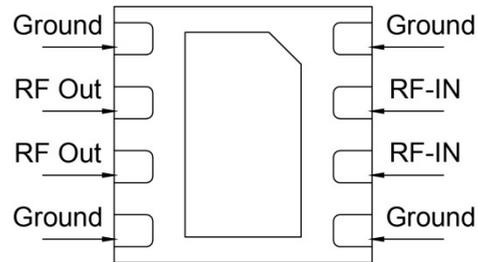
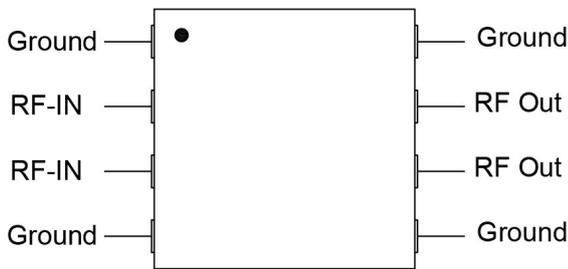


Test result of 10dB

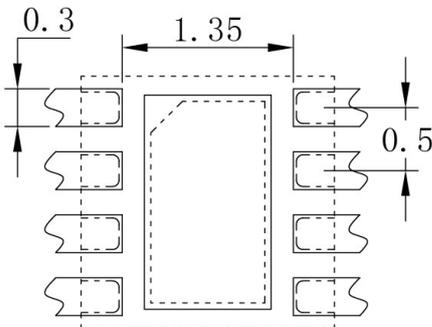


Test result of 10dB

Pin out

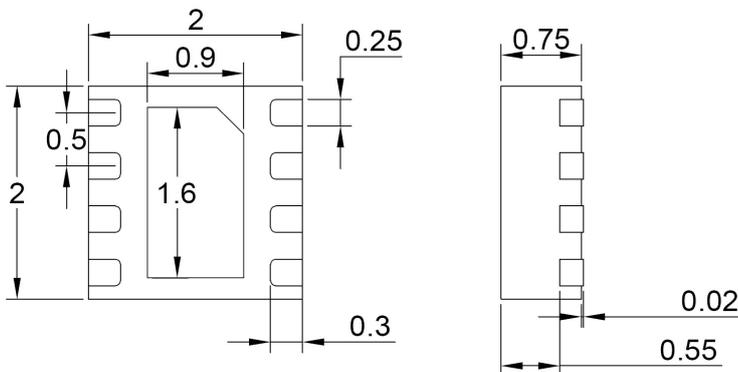


Land Pattern



Package Outlines

Note: all dimensions shown in mm





FAC431010
Fixed Attenuator Chip
Preliminary Datasheet
