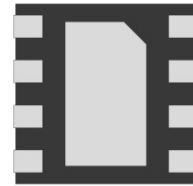


### Fixed Attenuator Chip

- ◆ DC to 43.5GHz
- ◆ 12 dB and 12 dB
- ◆ 2 W



#### Features

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

#### Model No. Description

FACXXXXXX

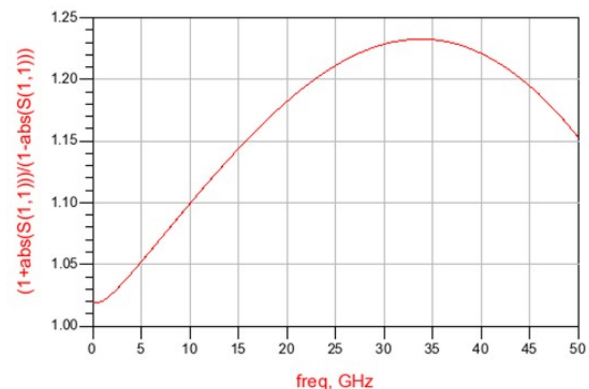
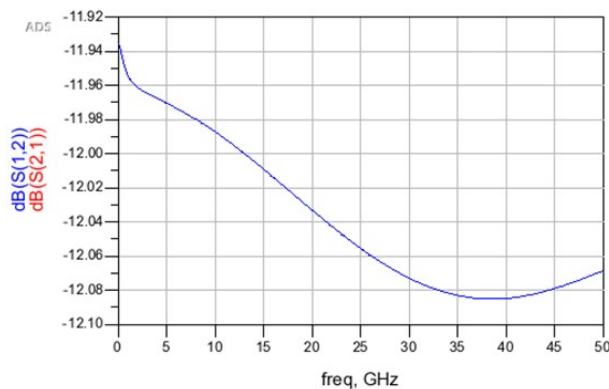
- XX- attenuation: \*\*dB.
- XX- attenuation: \*\*dB.
- XX-frequency range 06: DC to 6GHz
- 10: DC to 10GHz
- 12: DC to 12.4GHz
- 18: DC to 18GHz
- 26: DC to 26.5GHz.
- 43: DC to 43.5GHz.

#### Specifications

Frequency Range	DC to 43.5GHz
Attenuation	12 dB and 12 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. (12dB)	Freq.Range (GHz)	Typ. (12dB)
Attenuation (dB)	DC-5	12±0.10	DC-5	12±0.10
	5-15	12±0.10	5-15	12±0.10
	15-18	12±0.15	15-18	12±0.15
	18-26.5	12±0.15	18-26.5	12±0.15
	26.5-43.5	12±0.15	26.5-43.5	12±0.15
VSWR (:1)	DC-5	1.10	DC-5	1.10
	5-15	1.15	5-15	1.15
	15-18	1.20	15-18	1.20
	18-26.5	1.30	18-26.5	1.30
	26.5-43.5	1.30	26.5-43.5	1.30

#### Test Curve

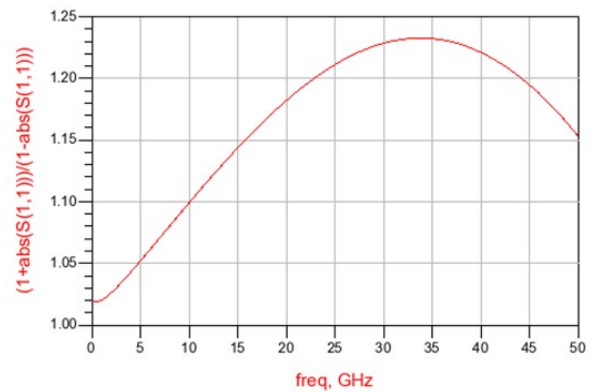
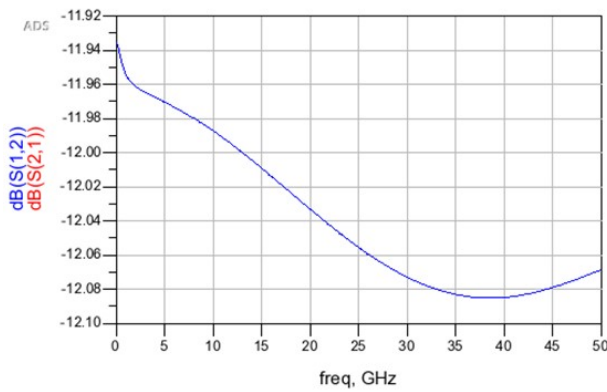


#### Test result of 12dB

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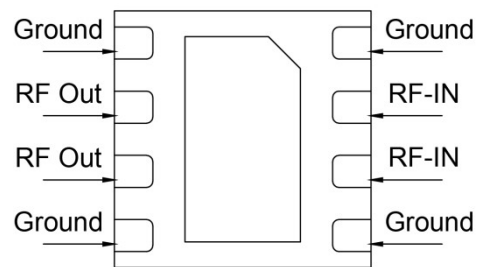
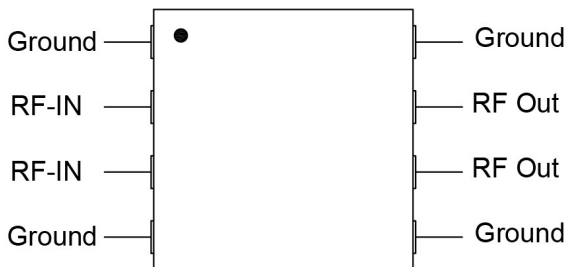
Add: 3F, Building 3, Southern District 2 of ZhongGuan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China

Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

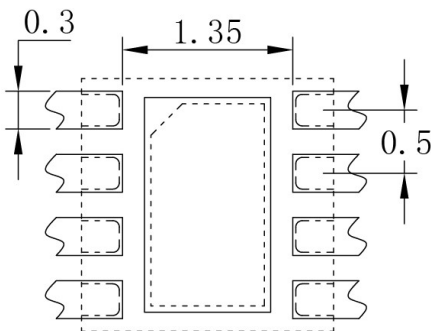


Test result of 12dB

### Pin out

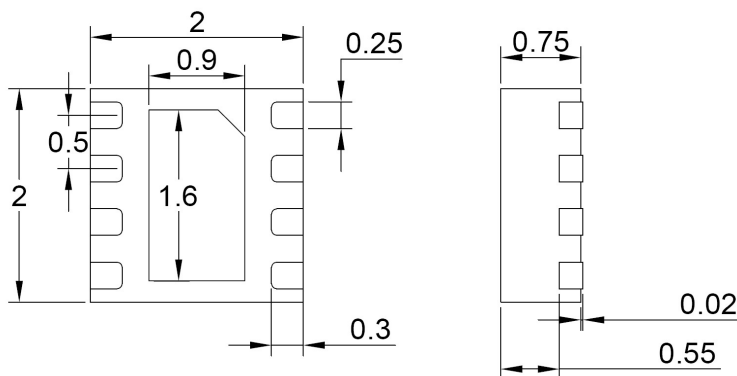


### Land Pattern



### Package Outlines

Note: all dimensions shown in mm



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**FAC431212**  
**Fixed Attenuator Chip**  
Preliminary Datasheet

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**Yantel Corporation**

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