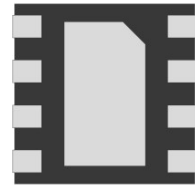


### Fixed Attenuator Chip

- ◆ DC to 43.5GHz
- ◆ 7 dB and 7 dB
- ◆ 2 W



#### Features

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

#### Model No. Description

FACXXXXXX

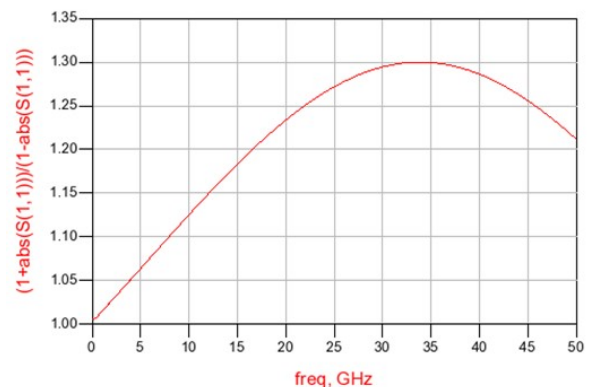
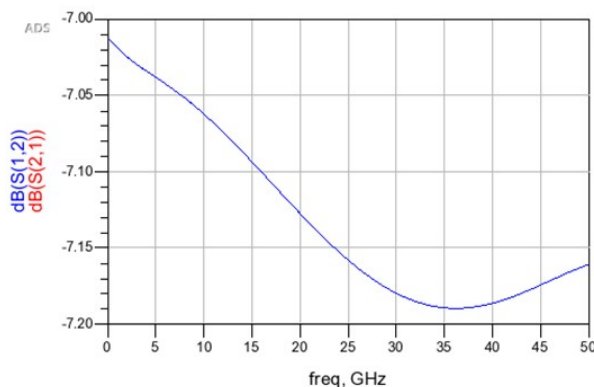
- XX- attenuation: \*\*dB.
- XX- attenuation: \*\*dB.
- XX-frequency range 06: DC to 6GHz
- 10: DC to 10GHz
- 12: DC to 12.4GHz
- 18: DC to 18GHz
- 26: DC to 26.5GHz.
- 43: DC to 43.5GHz.

#### Specifications

Frequency Range	DC to 43.5GHz
Attenuation	7 dB and 7 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. (7dB)	Freq.Range (GHz)	Typ. (7dB)
Attenuation (dB)	DC-5	7±0.10	DC-5	7±0.10
	5-15	7±0.10	5-15	7±0.10
	15-18	7±0.15	15-18	7±0.15
	18-26.5	7±0.20	18-26.5	7±0.20
	26.5-43.5	7±0.20	26.5-43.5	7±0.20
VSWR (:1)	DC-5	1.15	DC-5	1.15
	5-15	1.20	5-15	1.20
	15-18	1.25	15-18	1.25
	18-26.5	1.35	18-26.5	1.35
	26.5-43.5	1.35	26.5-43.5	1.35

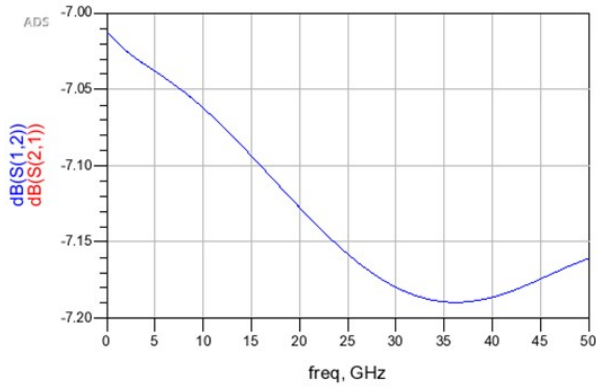
#### Test Curve



Test result of 7dB

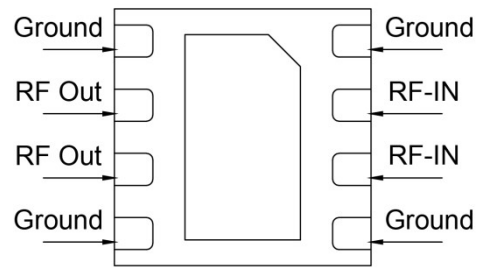
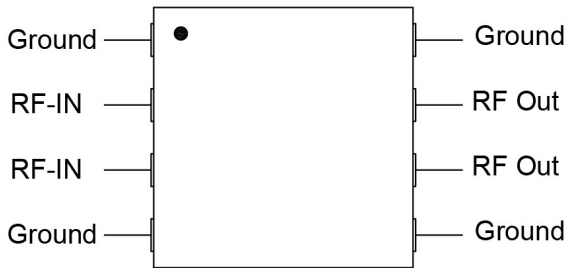
#### Yantel Corporation

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

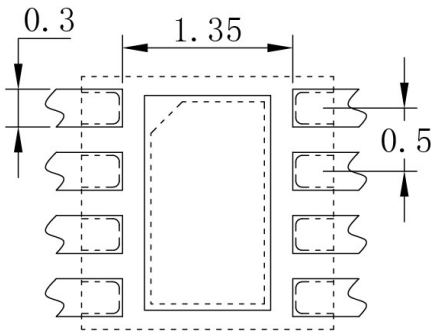


Test result of 7dB

### Pin out

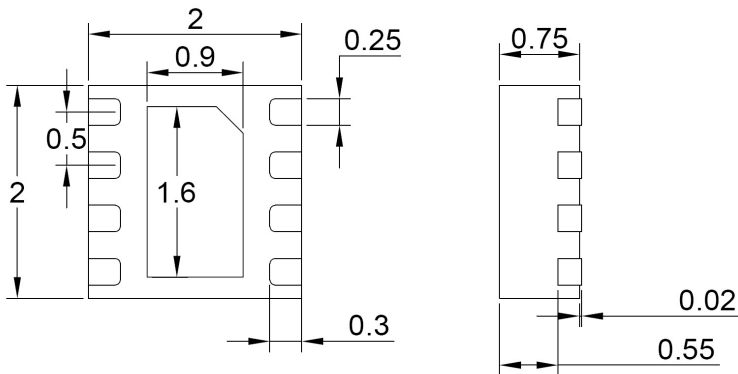


### Land Pattern



### Package Outlines

Note: all dimensions shown in mm



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