泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

# Coaxial Fixed Attenuator

## 2.92mm Female&Male/DC-40GHz

## Model: TAXXA5-2.92-40A

TAXXA5-2.92-40A is a 1~10/20/30/40 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 40 GHz.

## Features:

- Operating Frequency DC to 40GHz
- Broadband Coverage
- Lost Cost

## Applications:

- Test Lab
- Instrumentations
- System Integration

## Electrical Characteristics:

| Parameter | Min | Typ | Max | Units |
|---|---|---|---|---|
| Frequency Range | DC | | 40 | GHz |
| Attenuation Range | | 1~10 (-0.8/+1) | | dB |
| | | 20 ± 1 | | |
| | | 30 (-1/+1.2) | | |
| | | 40 ± 1 | | |
| VSWR | | | 1.3 | :1 |
| Impedance | | 50 | | Ohms |
| RF Power Rating | 5Watts Average at 25℃<br>PEAK: 200 Watts(5 μs pulse width, 5% duty cycle) | | | |

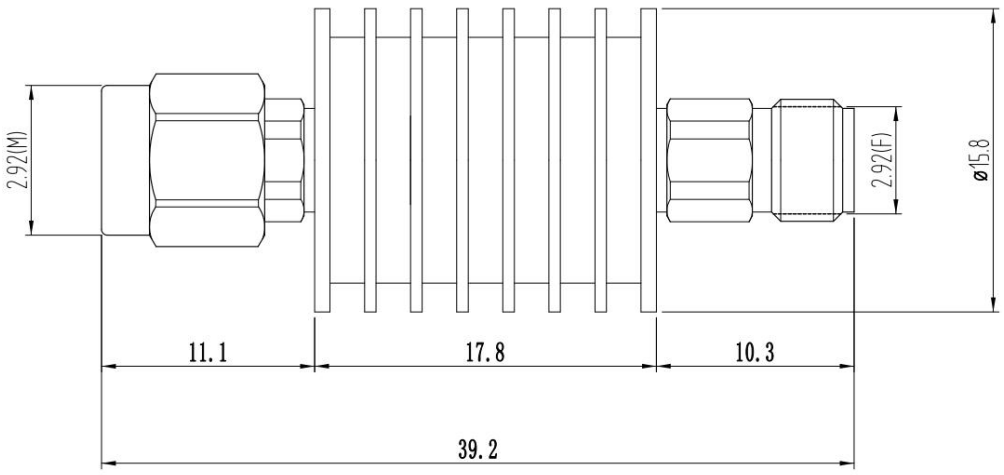
## Envrionmental And Physical Characteristics:

| Description | Parameter | Units |
|---|---|---|
| Operating Temerature | -55 To +125 | ℃ |
| Body Material | Aluminum, spray black paint | |
| Connector Material | Passivated stainless steel or gold plated brass | |
| Inner Conductor | Gold plated beryllium copper | |
| Connectors | 2.92mm Female/Male | |
| Size | ø15.8×39.2 | mm |

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## Outline Drawing:

Unit:mm; Tolerance:±0.1mm




ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

## Ordering Information:

| Base Number | Description |
|---|---|
| TA01A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,1(-0.8/+1)dB Attenuation |
| TA02A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,2(-0.8/+1)dB Attenuation |
| TA03A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,3(-0.8/+1)dB Attenuation |
| TA04A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,4(-0.8/+1)dB Attenuation |
| TA05A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,5(-0.8/+1)dB Attenuation |

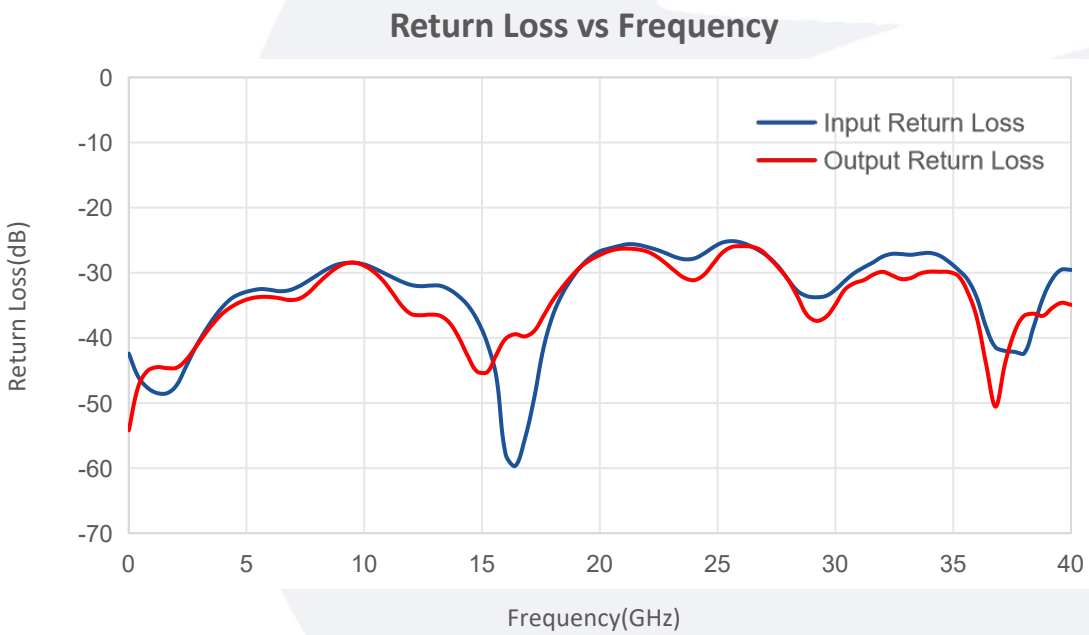
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## Ordering Information:

| Base Number | Description |
|---|---|
| TA06A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,6(-0.8/+1)dB Attenuation |
| TA07A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,7(-0.8/+1)dB Attenuation |
| TA08A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,8(-0.8/+1)dB Attenuation |
| TA09A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,9(-0.8/+1)dB Attenuation |
| TA10A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,10(-0.8/+1)dB Attenuation |
| TA20A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,20±1dB Attenuation |
| TA30A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,30(-1/+1.2)dB Attenuation |
| TA40A5-2.92-40A | Coaxial Fixed Attenuator, DC-40GHz,40±1dB Attenuation |

## Typical Performance Data:

### TA03A5-2.92-40A:

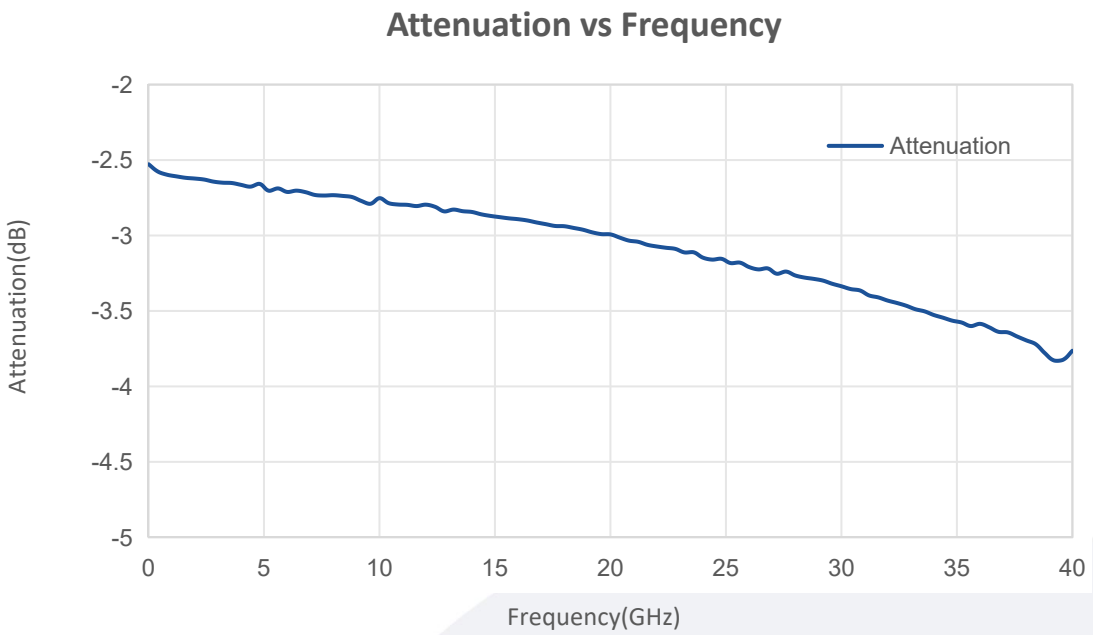



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

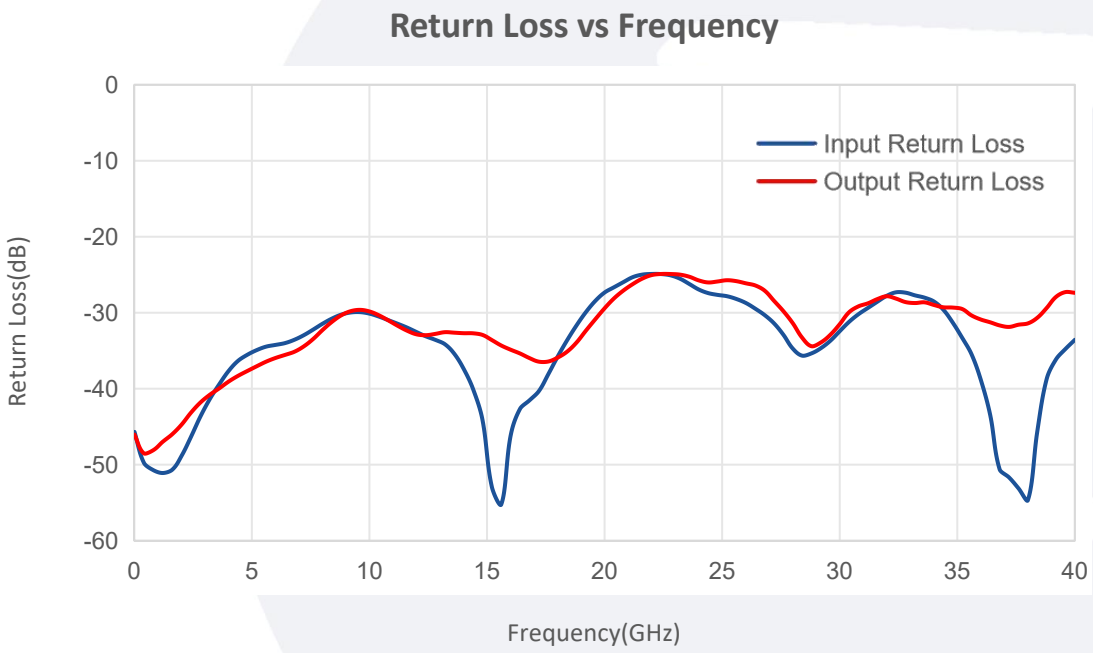
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## Typical Performance Data:

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### TA06A5-2.92-40A:

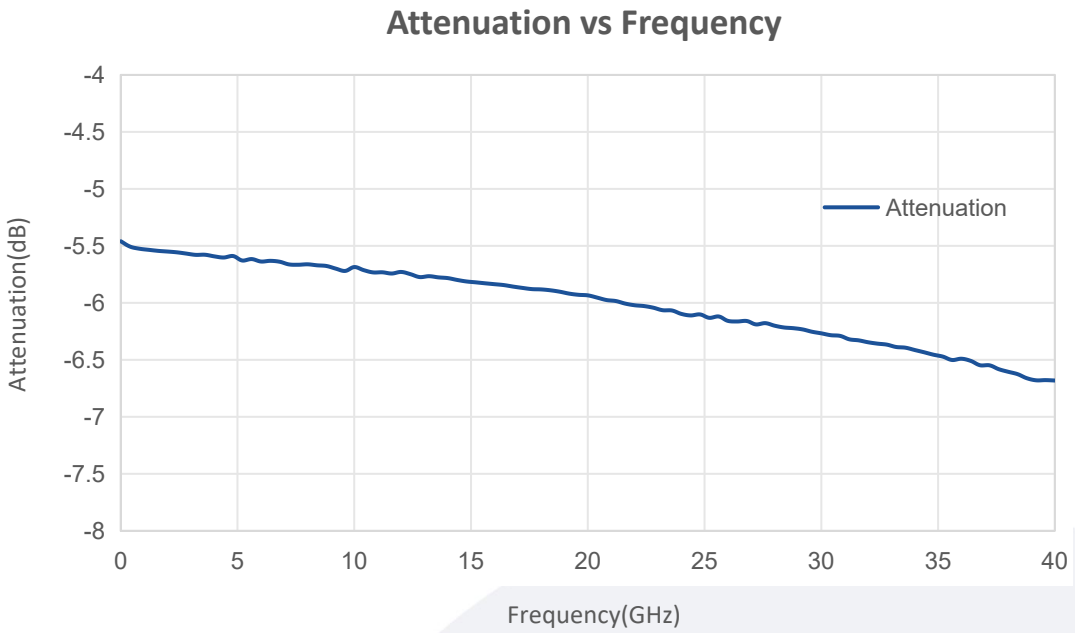



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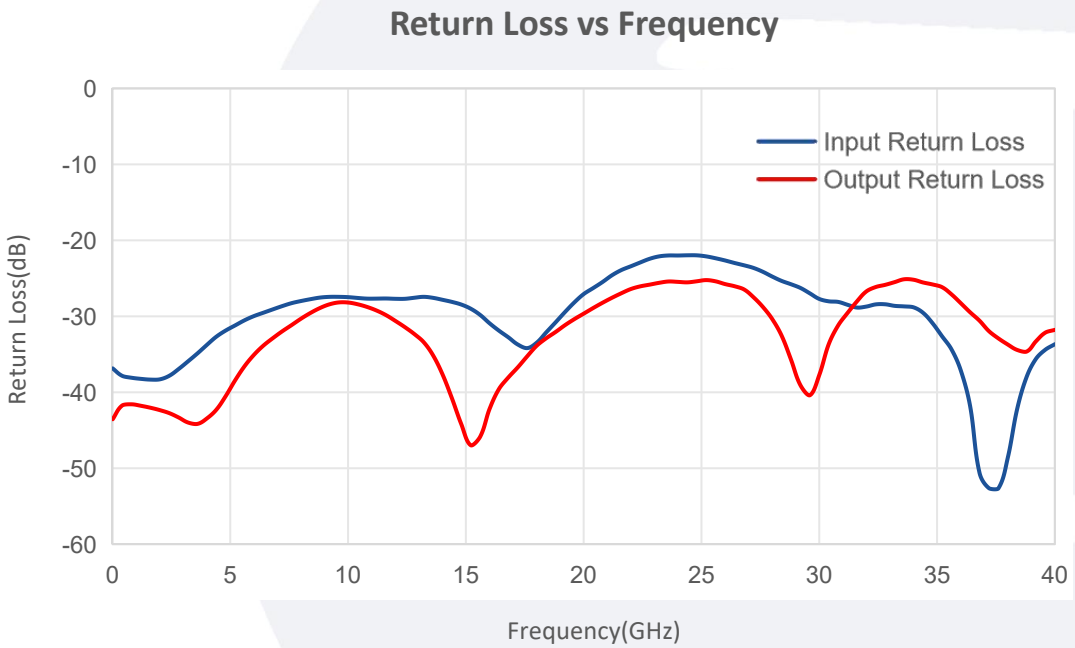
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## Typical Performance Data:

### TA06A5-2.92-40A:




### TA10A5-2.92-40A:

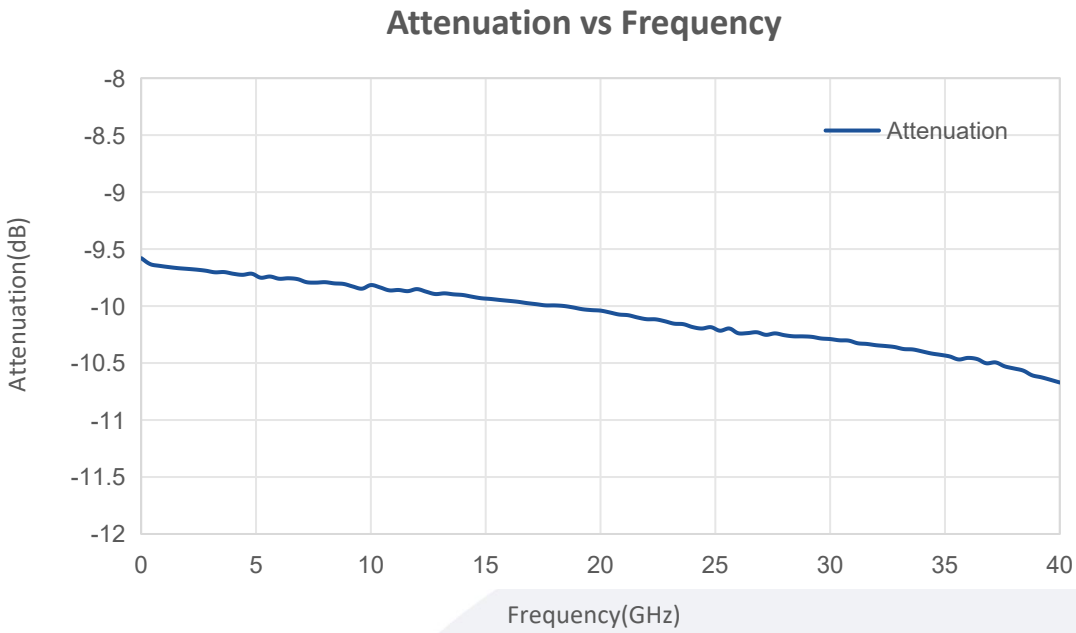



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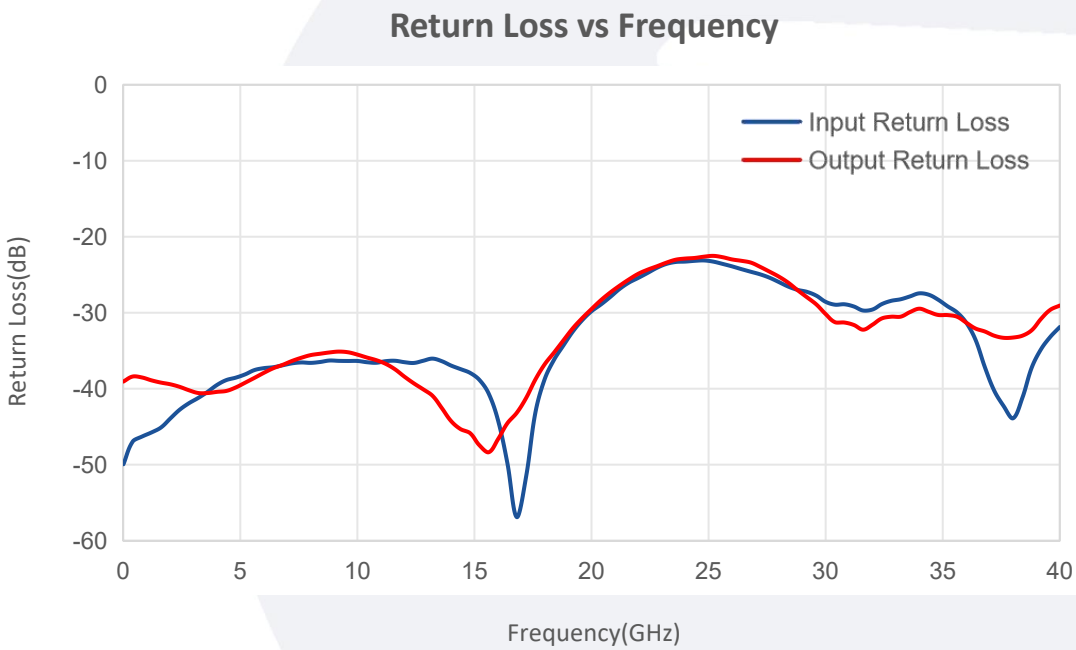
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## Typical Performance Data:

### TA10A5-2.92-40A:




### TA20A5-2.92-40A:

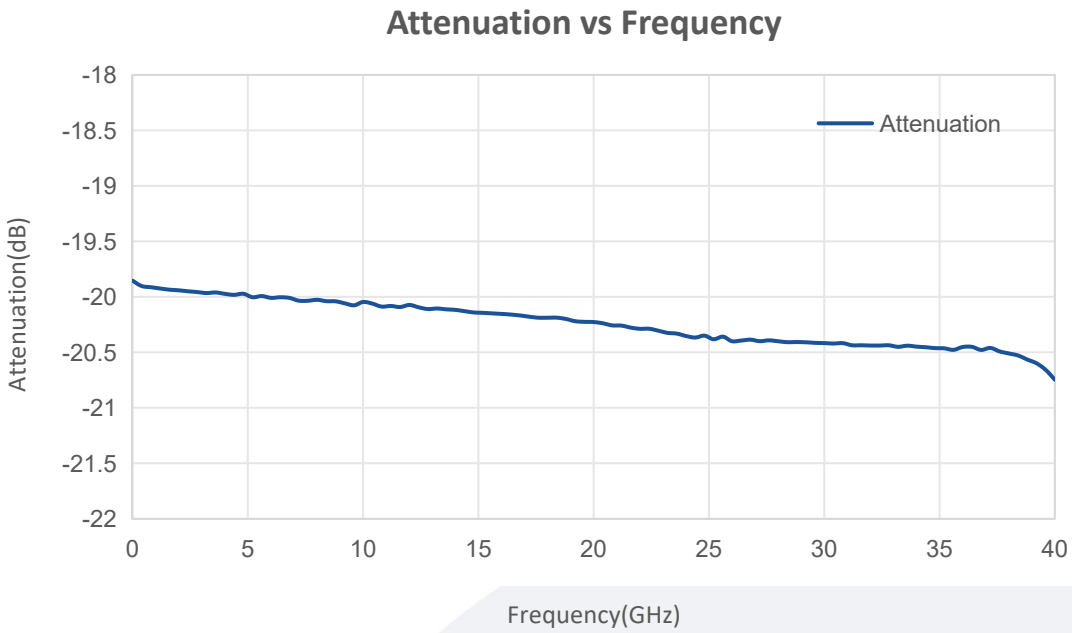



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## Typical Performance Data:

### TA20A5-2.92-40A:




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