

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:

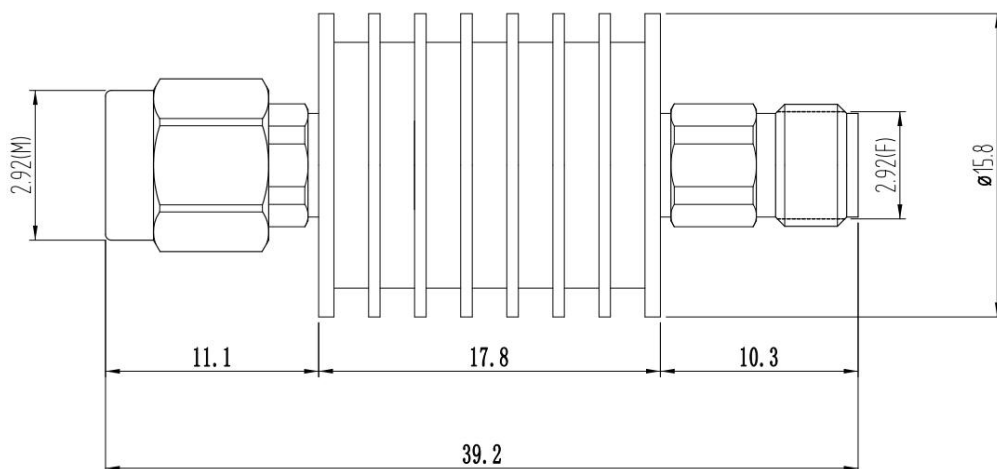
Parameter	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
Attenuation Range		1~10 (-0.8/+1)		dB
		20 ± 1		
		30 (-1/+1.2)		
		40 ± 1		
VSWR			1.3	:1
Impedance		50		Ohms
RF Power Rating	5Watts Average at 25°C PEAK: 200 Watts(5 μs pulse width, 5% duty cycle)			

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-55 To +125	°C
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

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

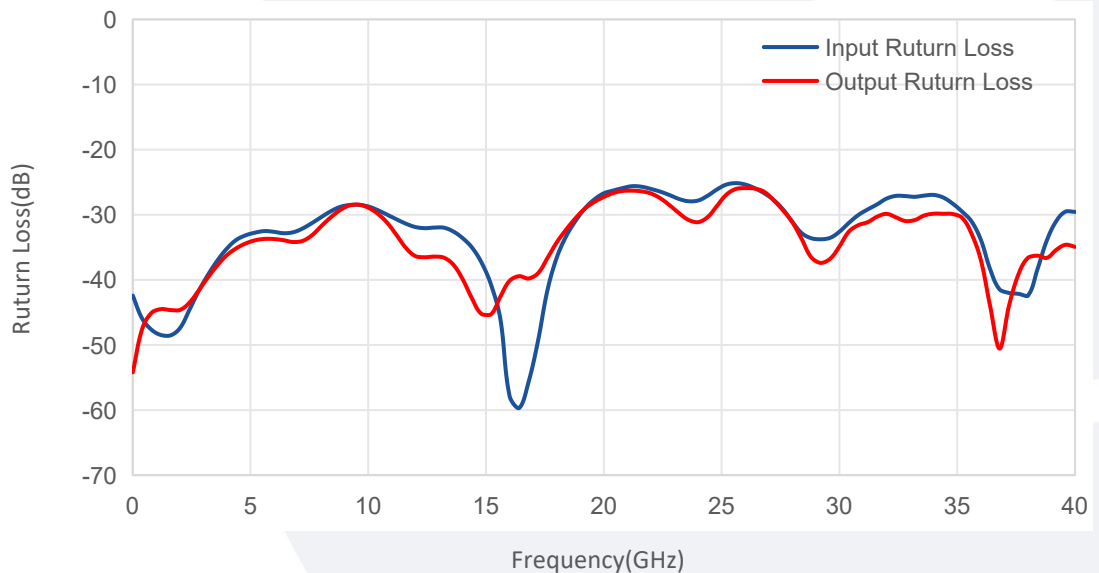
Ordering Information:

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:

Return Loss vs Frequency

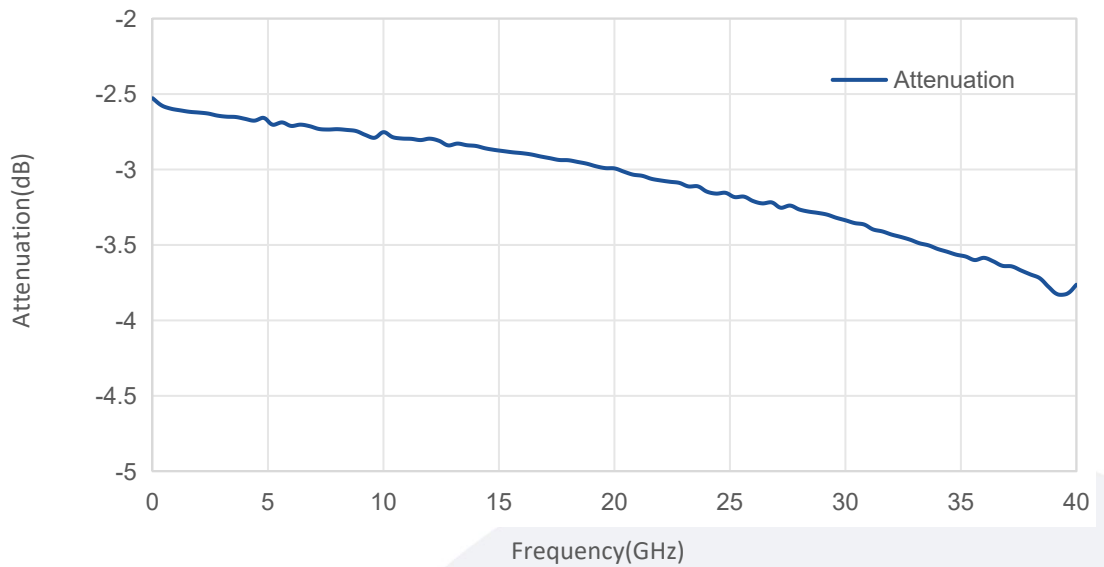


Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

Typical Performance Data:

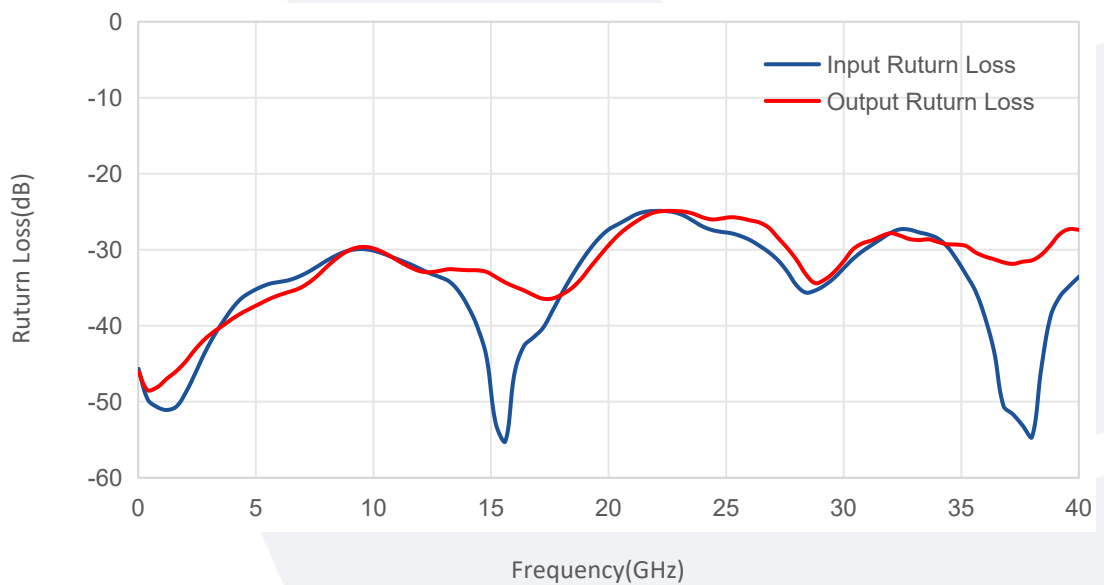
TA03A5-2.92-40A:

Attenuation vs Frequency



TA06A5-2.92-40A:

Return Loss vs Frequency

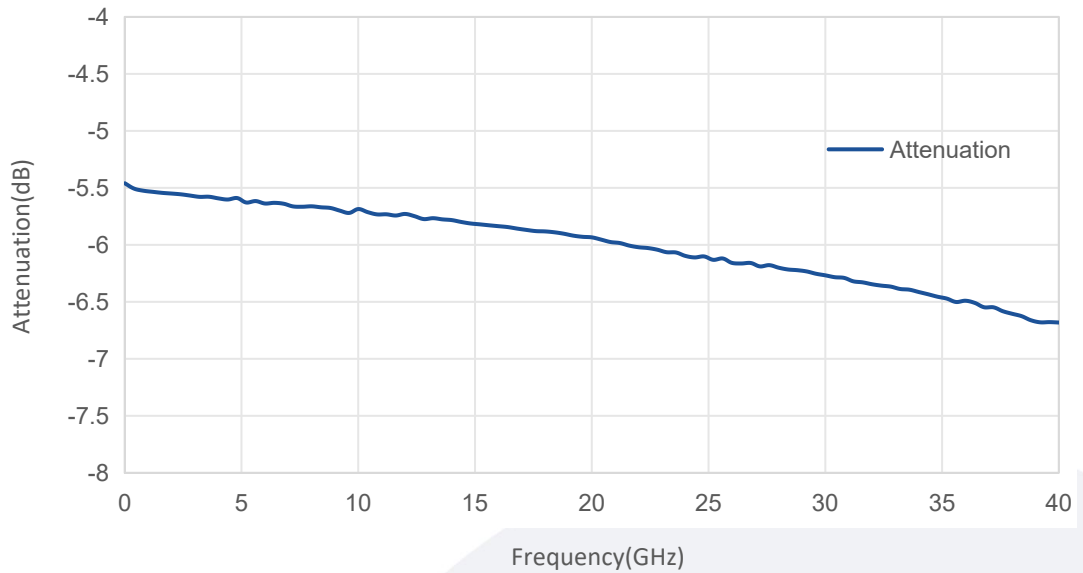


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Typical Performance Data:

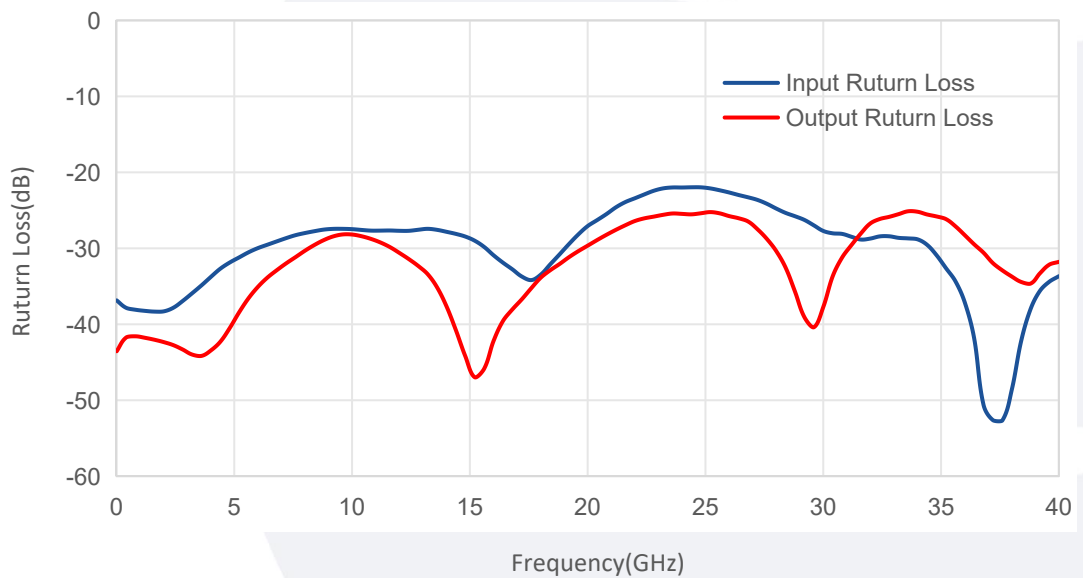
TA06A5-2.92-40A:

Attenuation vs Frequency



TA10A5-2.92-40A:

Return Loss vs Frequency

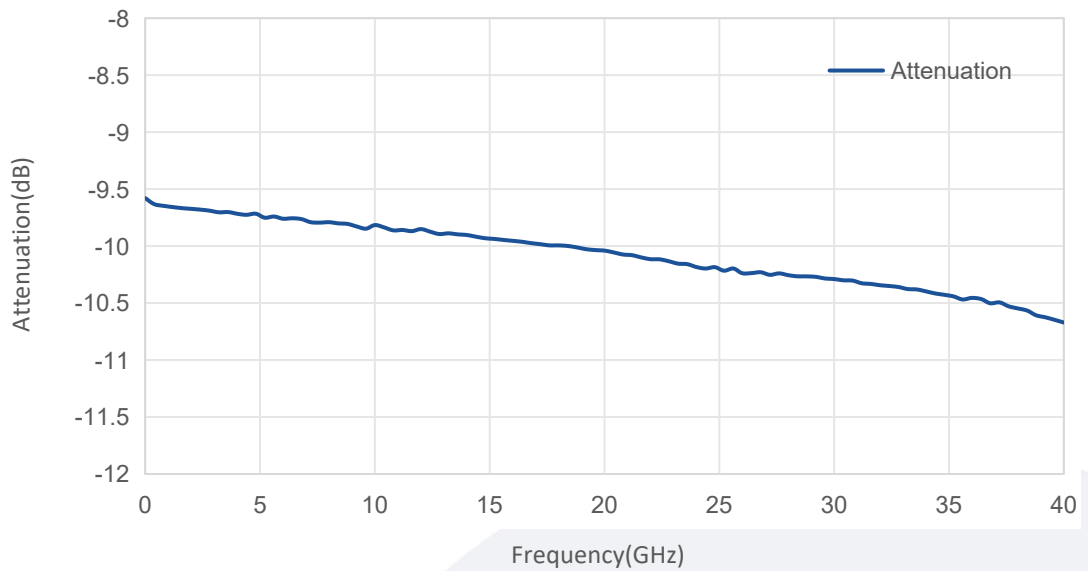


Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

Typical Performance Data:

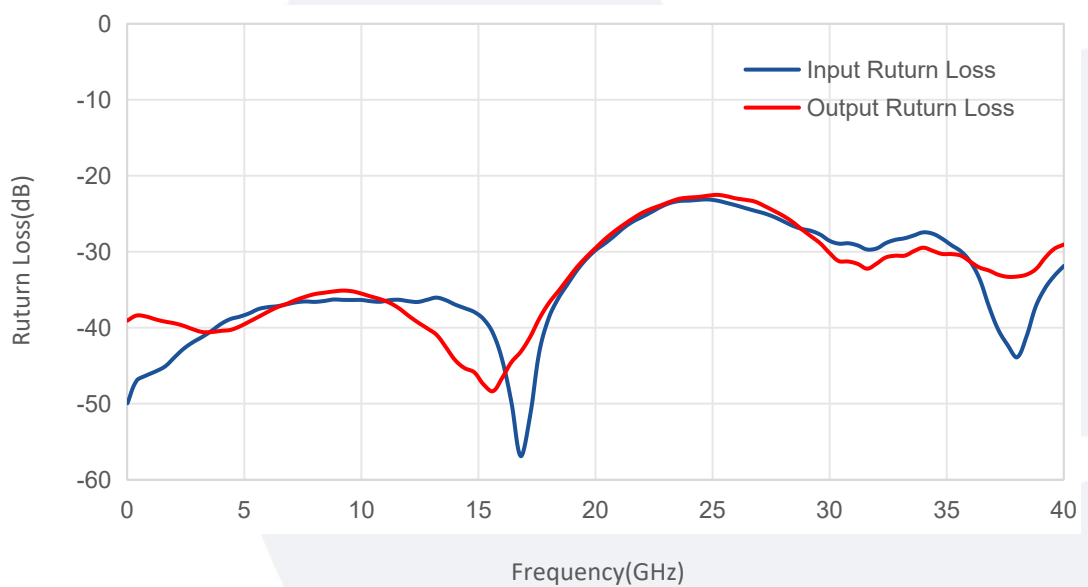
TA10A5-2.92-40A:

Attenuation vs Frequency



TA20A5-2.92-40A:

Return Loss vs Frequency

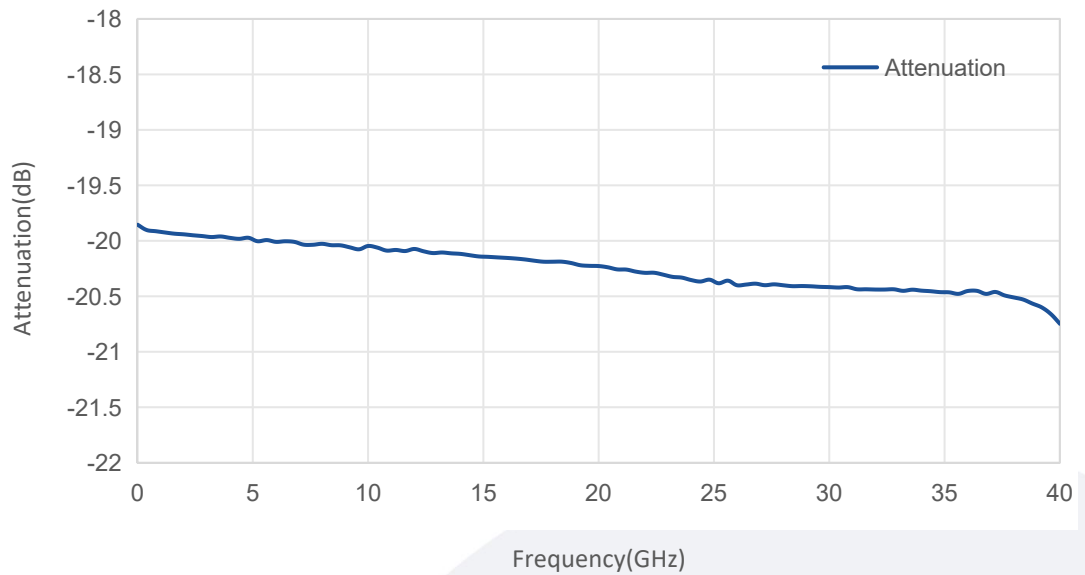


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Typical Performance Data:

TA20A5-2.92-40A:

Attenuation vs Frequency



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