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:TAXXA2-2.92-40

TAXXA2-2.92-40 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

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		40	GHz
衰减范围 Attenuation Range		1~10 ± 0.7		dB
		20 ± 0.8		
		30 ± 0.8		
		40 ± 1		
驻波 VSWR			1.3	:1
阻抗 Impedance		50		Ohms
射频功率值 RF Power Rating	2Watts Average at 25℃ PEAK: 125 Watts(5 μs pulse width, 1% duty cycle)			

环境和机械特性 Envrionmental And Physical Characteristics:

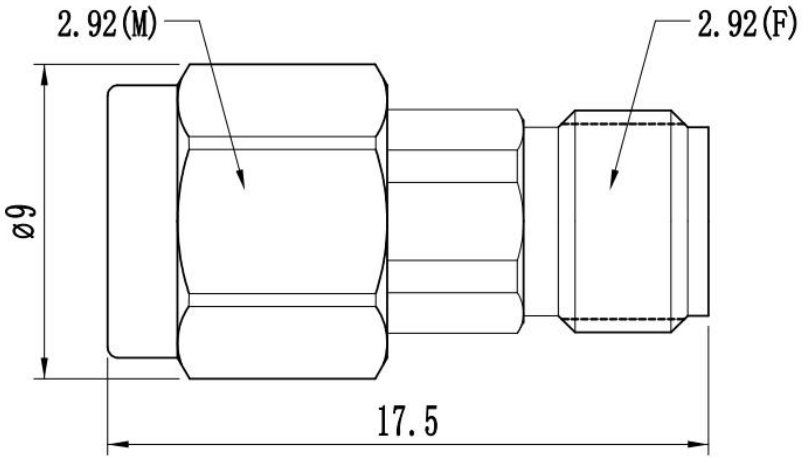
类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-55 To +125	℃
壳体材质 Body Material	Passivated stainless steel	
连接器材质 Connector Material	Passivated stainless steel	
内导体 Inner Conductor	Gold plated beryllium copper	
接口 Connectors	2.92mm Female/Male	
尺寸 Size	ø9×17.5	mm

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TA01A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,1±0.7dB Attenuation
TA02A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,2±0.7dB Attenuation
TA03A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,3±0.7dB Attenuation
TA04A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,4±0.7dB Attenuation
TA05A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,5±0.7dB Attenuation
TA06A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,6±0.7dB Attenuation

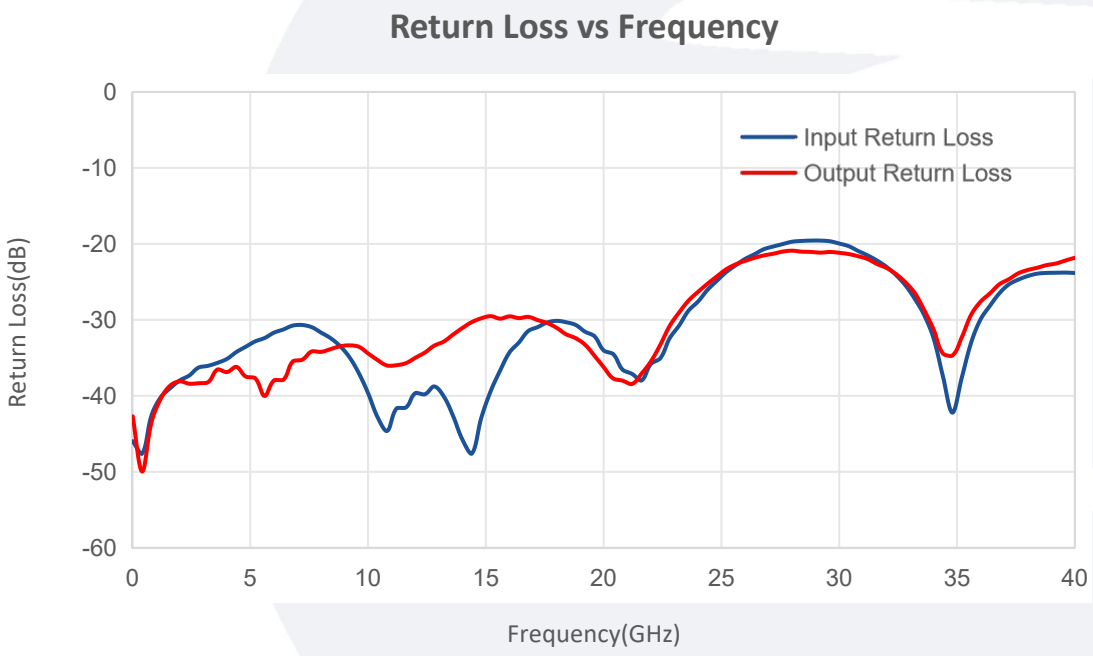
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订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TA07A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,7±0.7dB Attenuation
TA08A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,8±0.7dB Attenuation
TA09A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,9±0.7dB Attenuation
TA10A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,10±0.7dB Attenuation
TA20A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,20±0.8dB Attenuation
TA30A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,30±0.8dB Attenuation
TA40A2-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,40±1dB Attenuation

典型曲线 Typical Performance Data:

TA01A2-2.92-40:

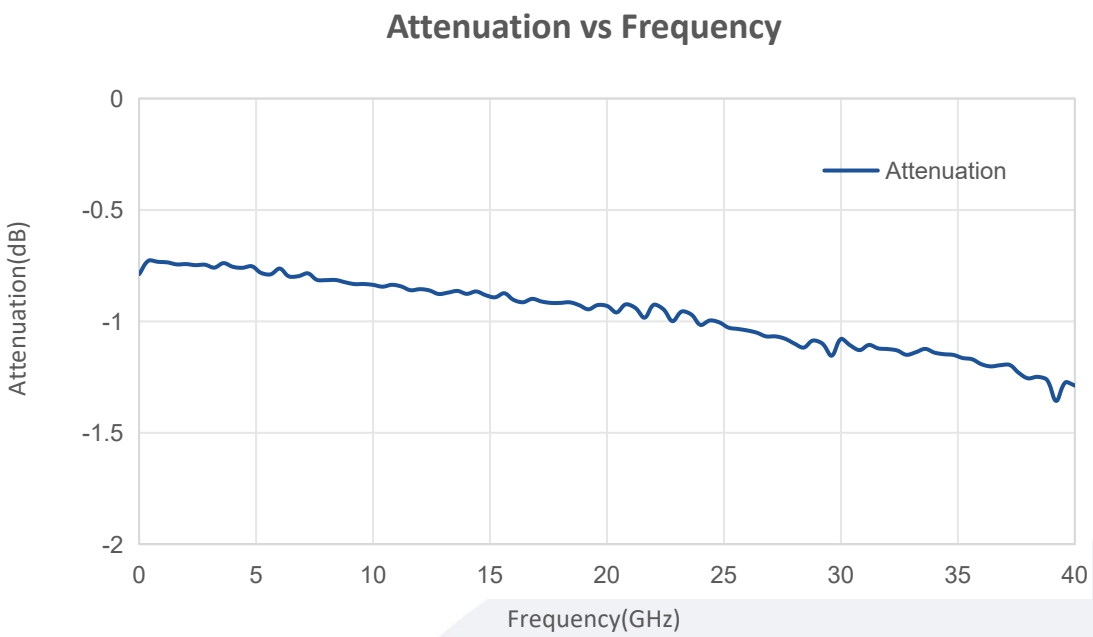


Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.

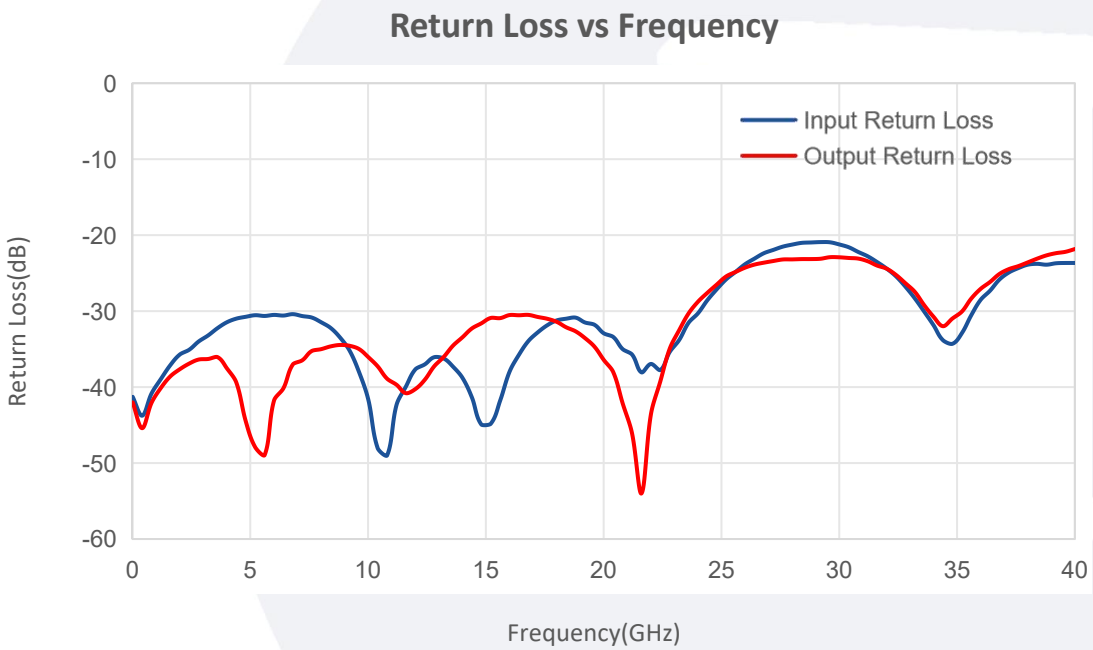
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典型曲线 Typical Performance Data:

TA01A2-2.92-40:



TA02A2-2.92-40:

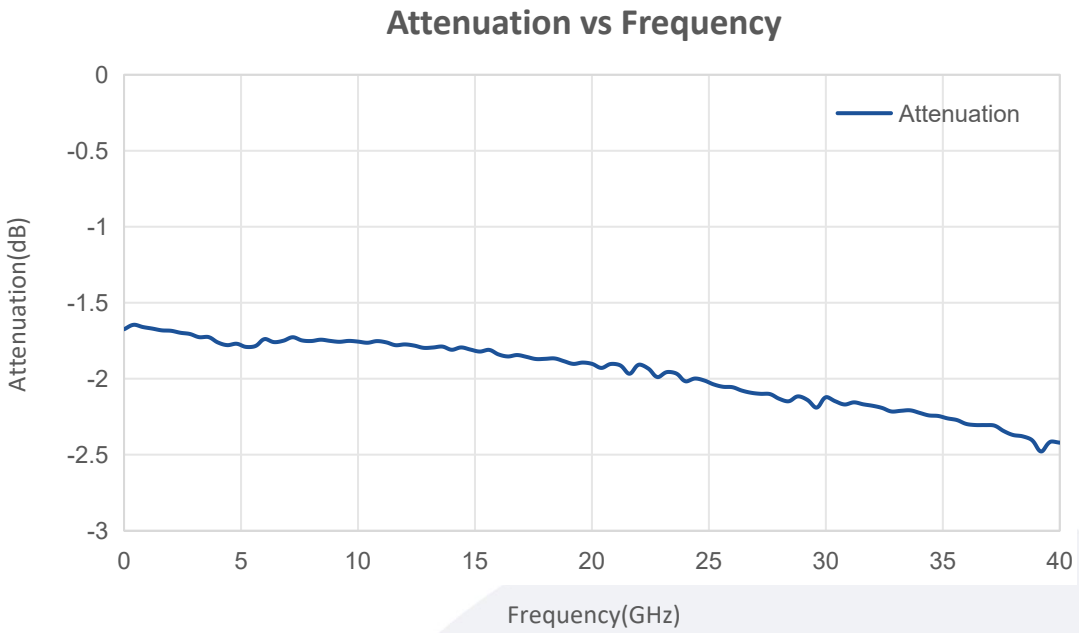


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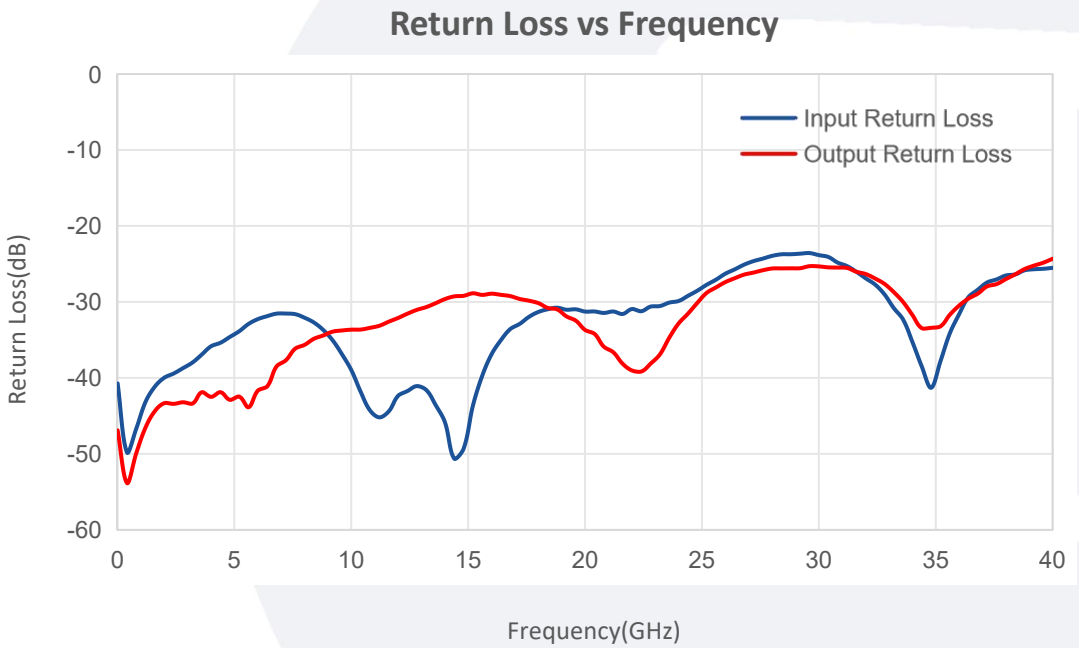
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典型曲线 Typical Performance Data:

TA02A2-2.92-40:



TA03A2-2.92-40:

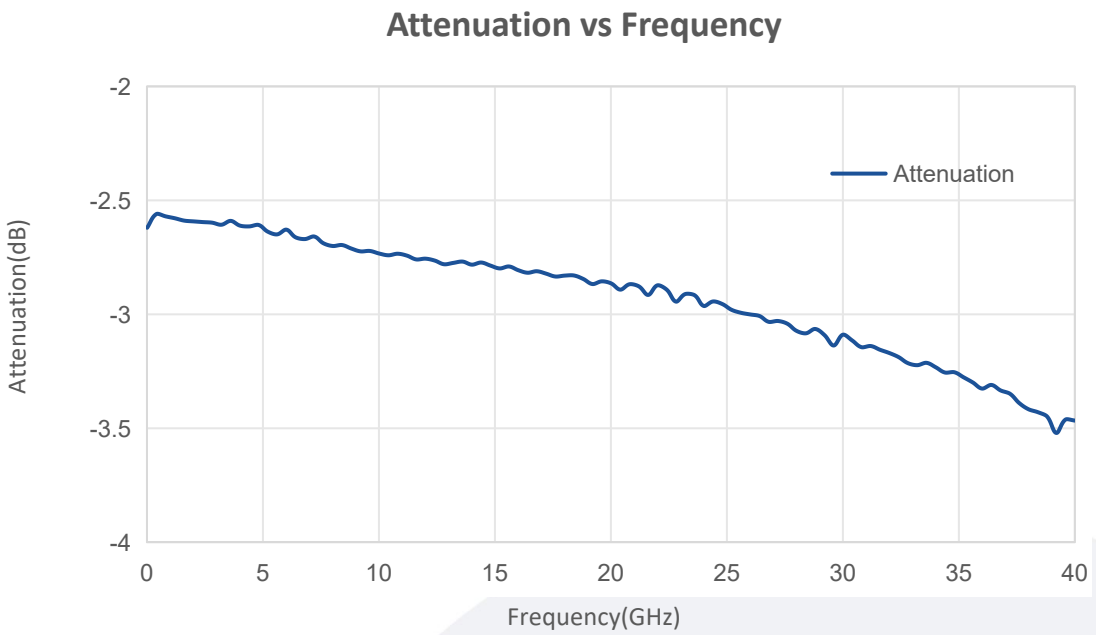


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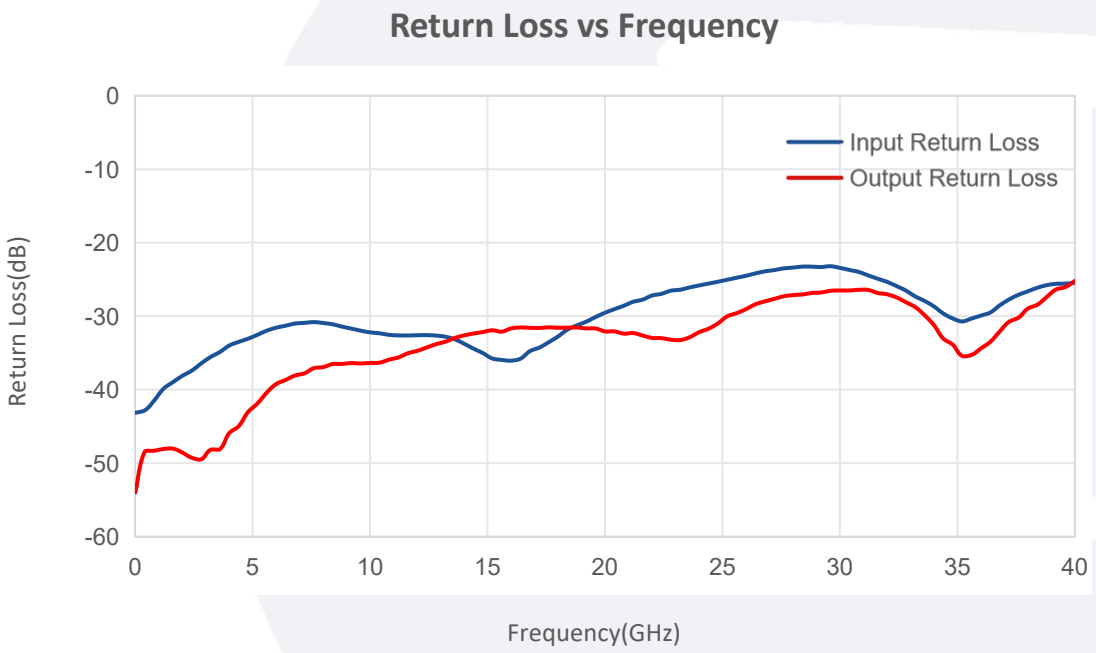
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典型曲线 Typical Performance Data:

TA03A2-2.92-40:



TA06A2-2.92-40:

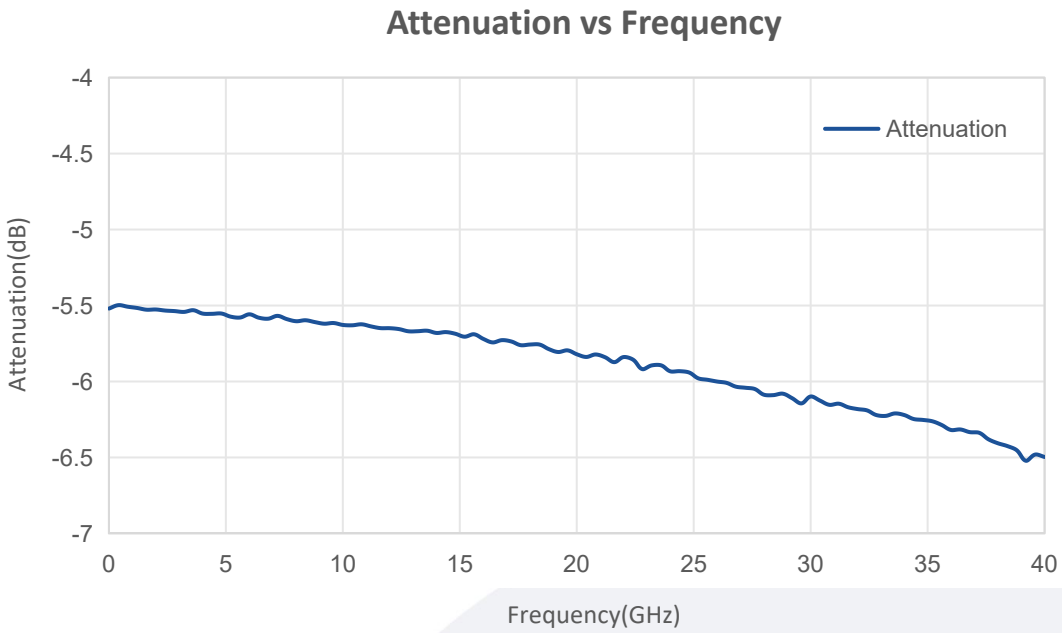


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典型曲线 Typical Performance Data:

TA06A2-2.92-40:



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