泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
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www.talentmw.com

Coaxial Fixed Attenuator

1.0mm Female&Male/DC-110GHz

Model:TAXXA1-1.0-110

TAXXA1-1.0-110 is a 3/5/6/10 coaxial attenuator that is used in millimeterwave systems and operates from DC to 110 GHz.

Features:

- Operating Frequency DC to 110 GHz
- 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		110	GHz
衰减范围 Attenuation Range		3(+1.8/-1.5)		dB
		5(+1.8/-1.5)		dB
		6(+1.8/-1.5)		dB
		10(+1.5/-1.2)		dB
驻波 VSWR			1.6	:1
阻抗 Impedance		50		Ohms
射频功率值 RF Power Rating	1 Watts Average at 25℃ PEAK: 10 Watts(5 μs pulse width, 5% duty cycle)			

*Note: Average power linearly decreases to 0.1W when temperature rises to 100℃.

环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-55 to +125	℃
壳体材质 Body Material	Stainless steel	
绝缘体材质 Insulators	PEI	
内导体 Inner Conductor	Gold plated beryllium bronze	
接口 Connectors	1.0mm Female/Male	
重量 Weight	3	g

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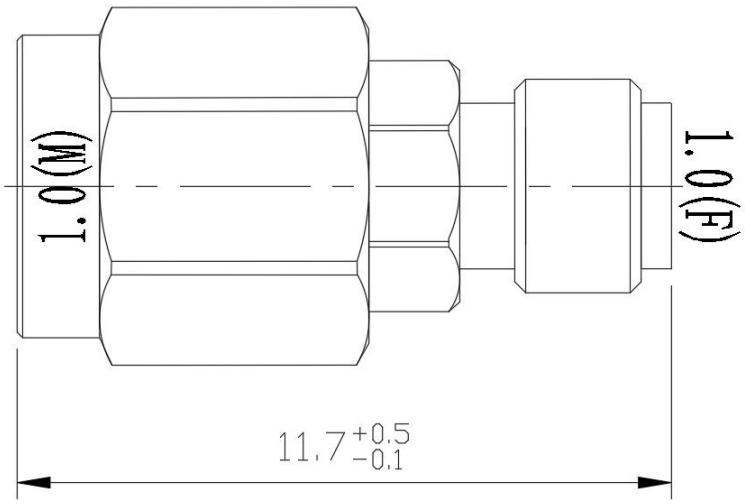
外形图 Outline Drawing:

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
TA03A1-1.0-110	Coaxial Fixed Attenuator,3(+1.8/-1.5)dB Attenuation
TA05A1-1.0-110	Coaxial Fixed Attenuator,5(+1.8/-1.5)dB Attenuation
TA06A1-1.0-110	Coaxial Fixed Attenuator,6(+1.8/-1.5)dB Attenuation
TA10A1-1.0-110	Coaxial Fixed Attenuator,10(+1.5/-1.2)dB Attenuation

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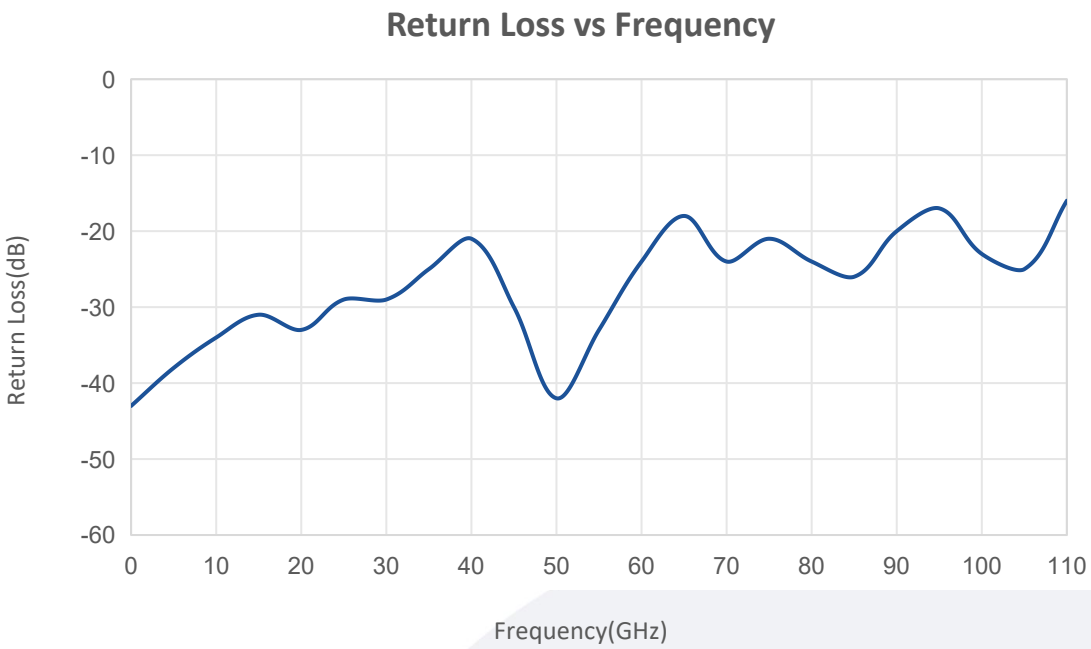
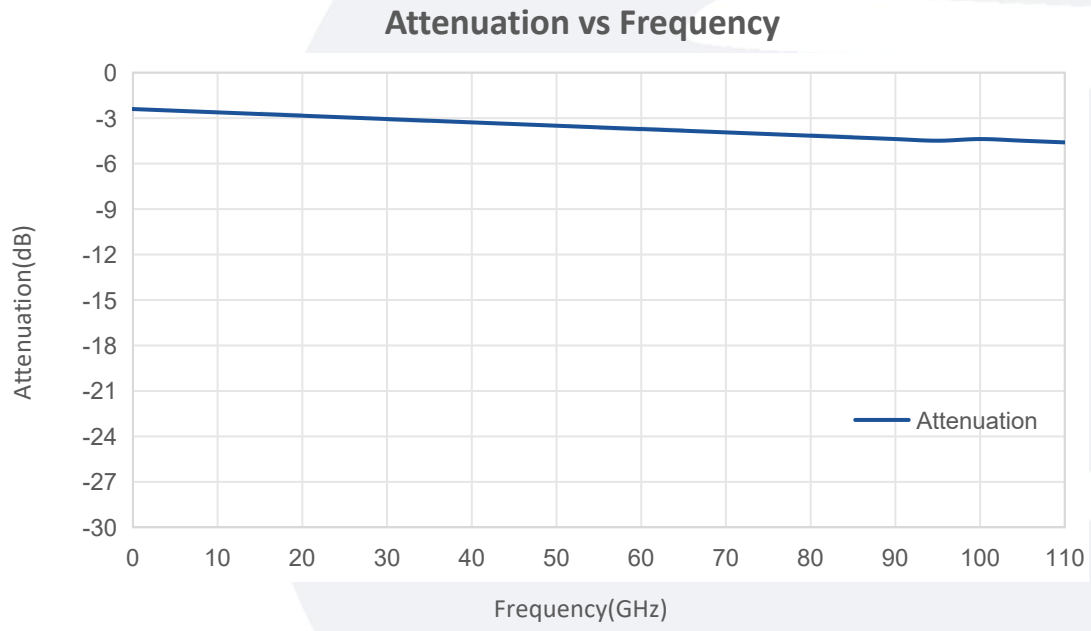
典型曲线 Typical Performance Data:

TA03A1-1.0-110:





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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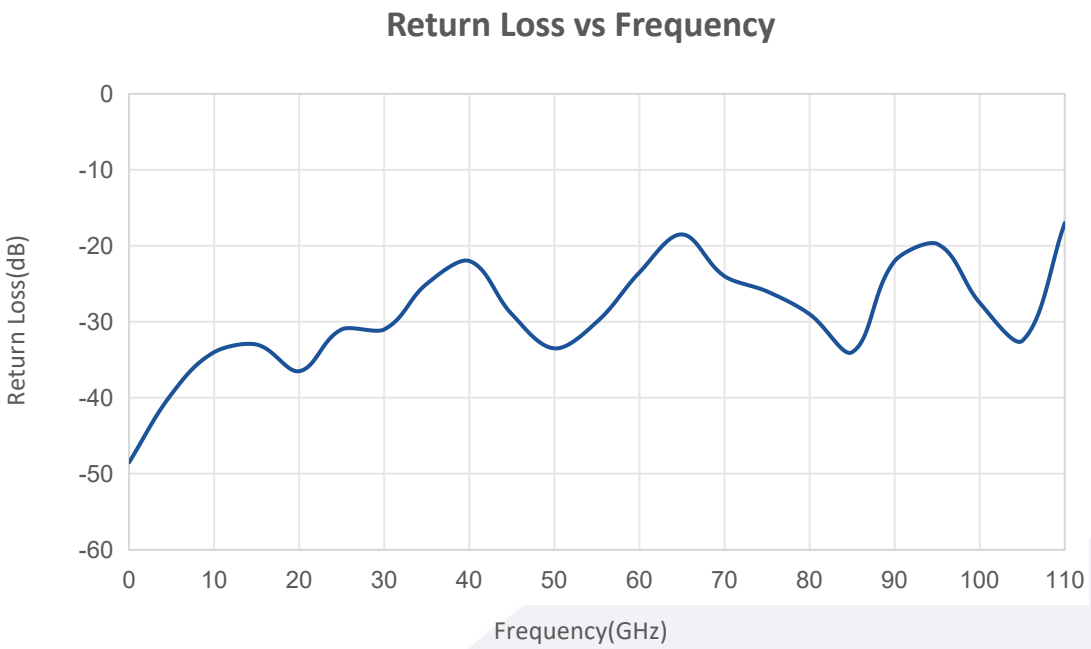
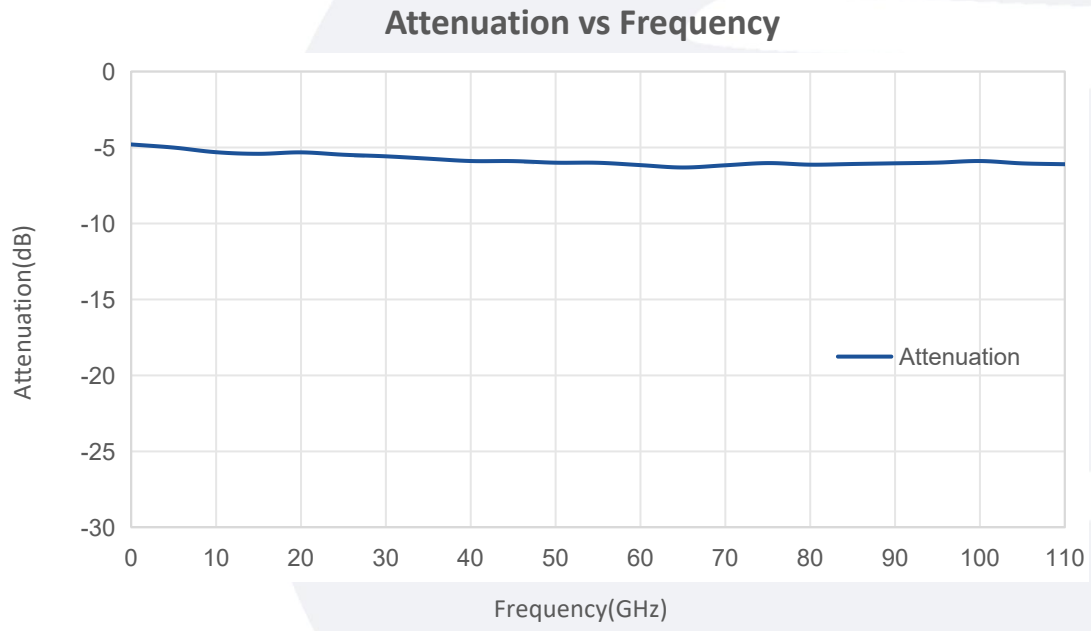
典型曲线 Typical Performance Data:

TA05A1-1.0-110:





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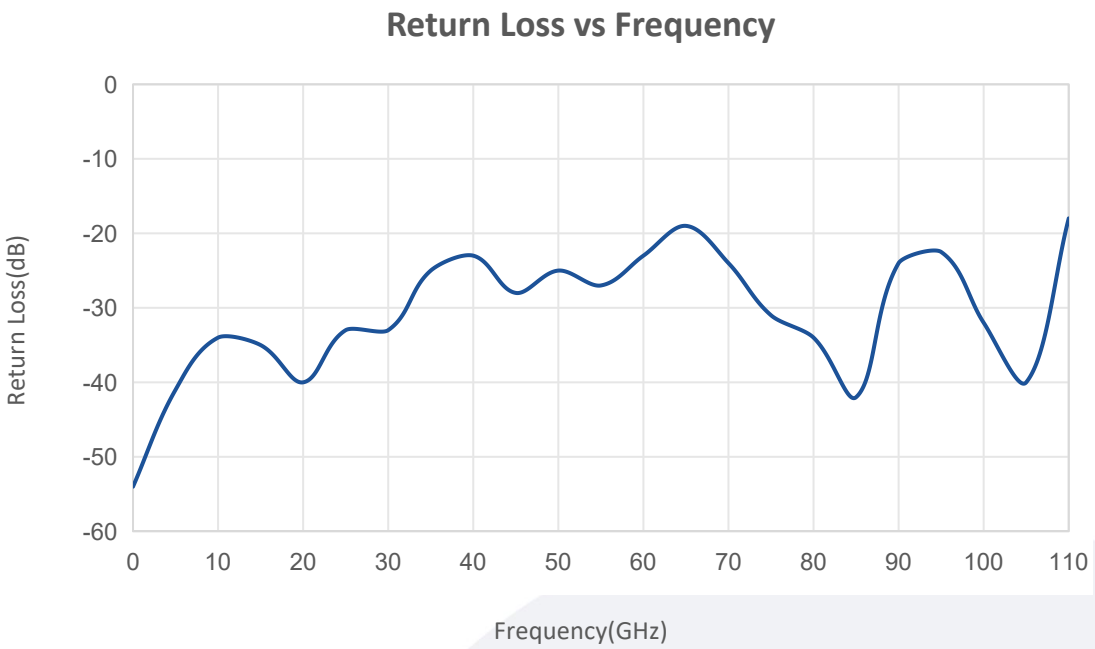
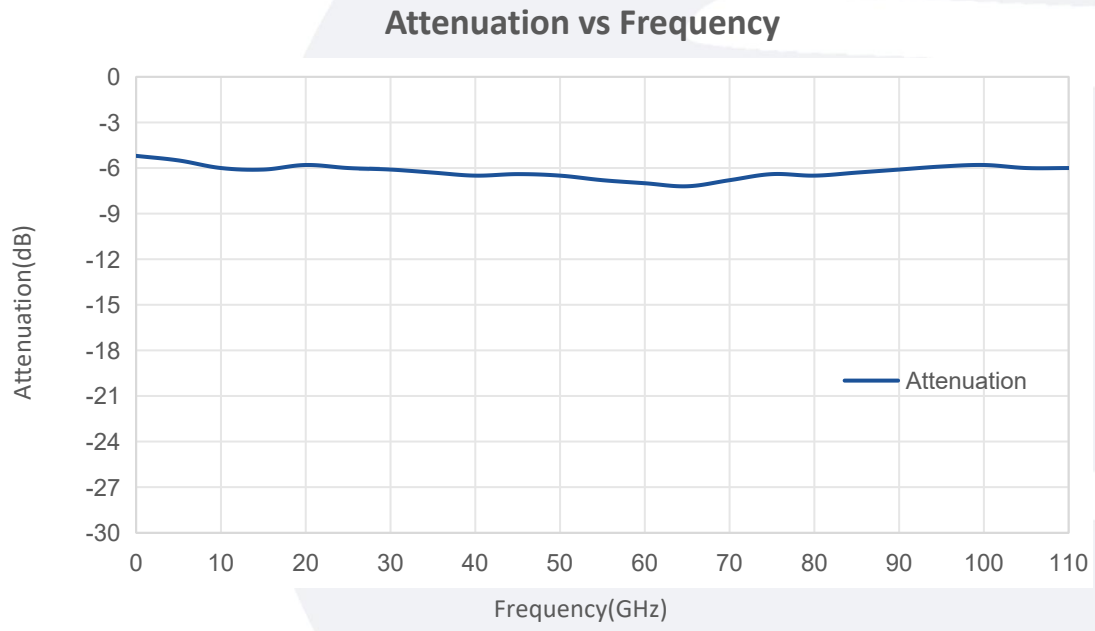
典型曲线 Typical Performance Data:

TA06A1-1.0-110:





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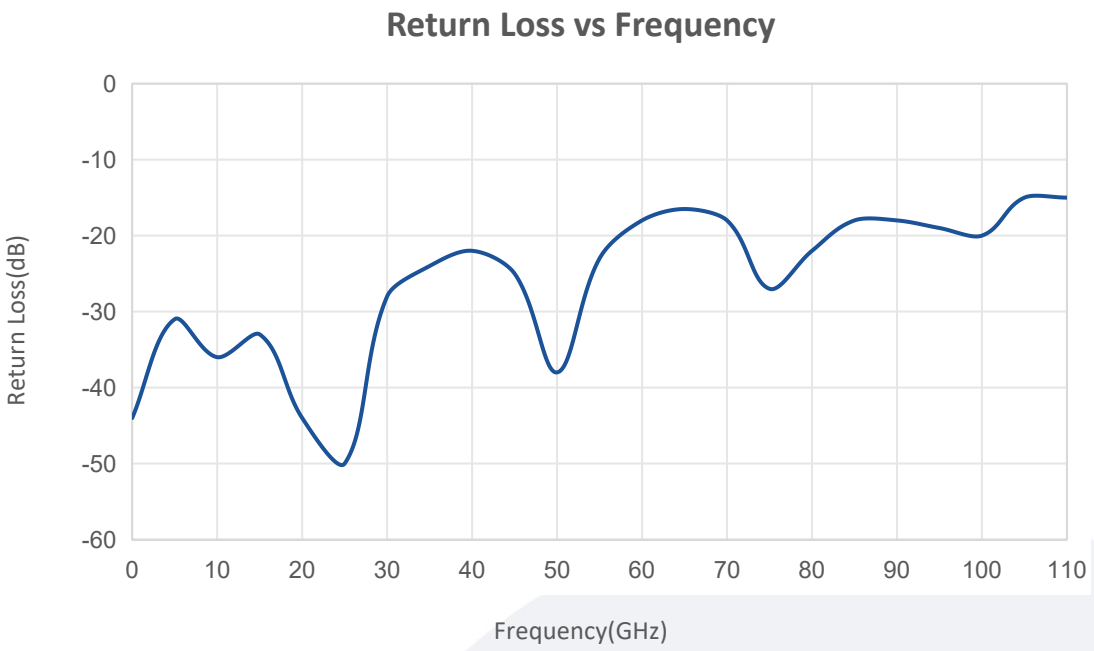
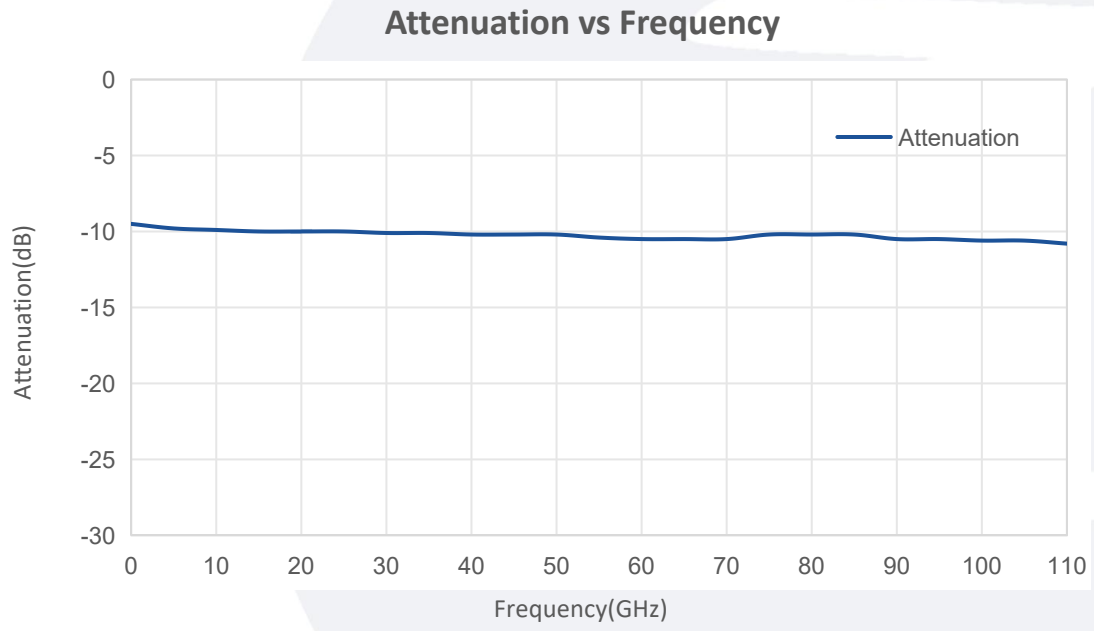
典型曲线 Typical Performance Data:

TA10A1-1.0-110:





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