

Coaxial Fixed Attenuator

2.92mm Female&Male/DC-40GHz

Model: TAXXA20-2.92-40

TAXXA20-2.92-40 is a 3~10/20/30/40 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		3~10 ±1.5		dB
		20 ±1.5		dB
		30 ±1.5		dB
		40(-1.5/+2.0)		dB
驻波 VSWR			1.3	:1
阻抗 Impedance		50		Ohms
射频功率值 RF Power Rating	20 Watts Average at 25°C; 2 Watts at 125°C PEAK: 200 Watts(5 μs pulse width, 10% duty cycle)			

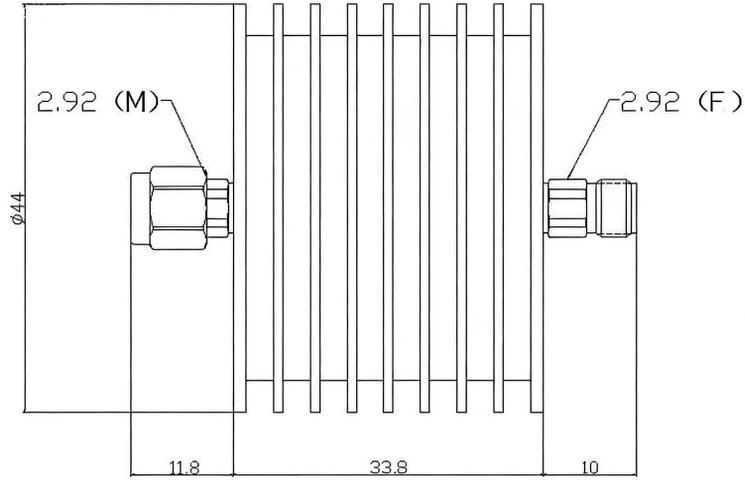
环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-55 To +125	°C
壳体材质 Body Material	Black, finned aluminum	
连接器材质 Connector Material	Passivated stainless steel	
内导体 Inner Conductor	Gold plated beryllium copper	
绝缘体 Insulators	PEI	

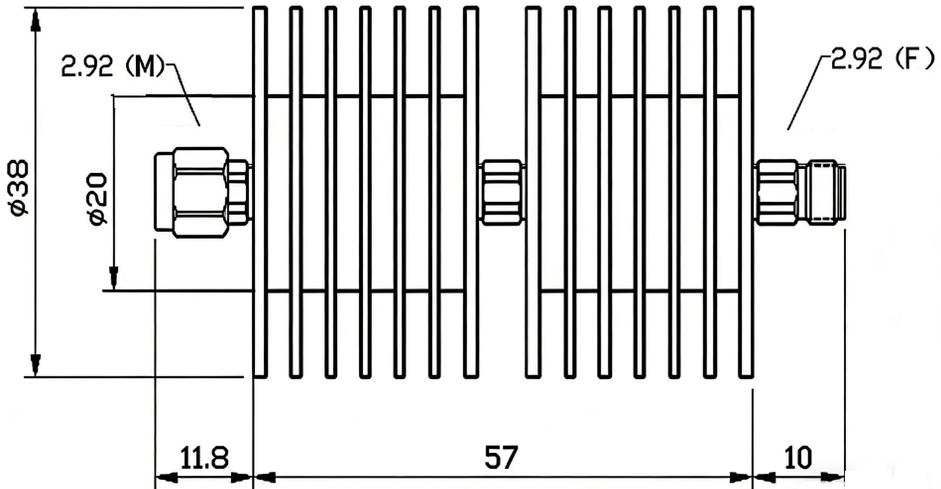
外形图 Outline Drawing:

Unit:mm

3~30dB Outline dimensions



40dB Outline dimensions



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic

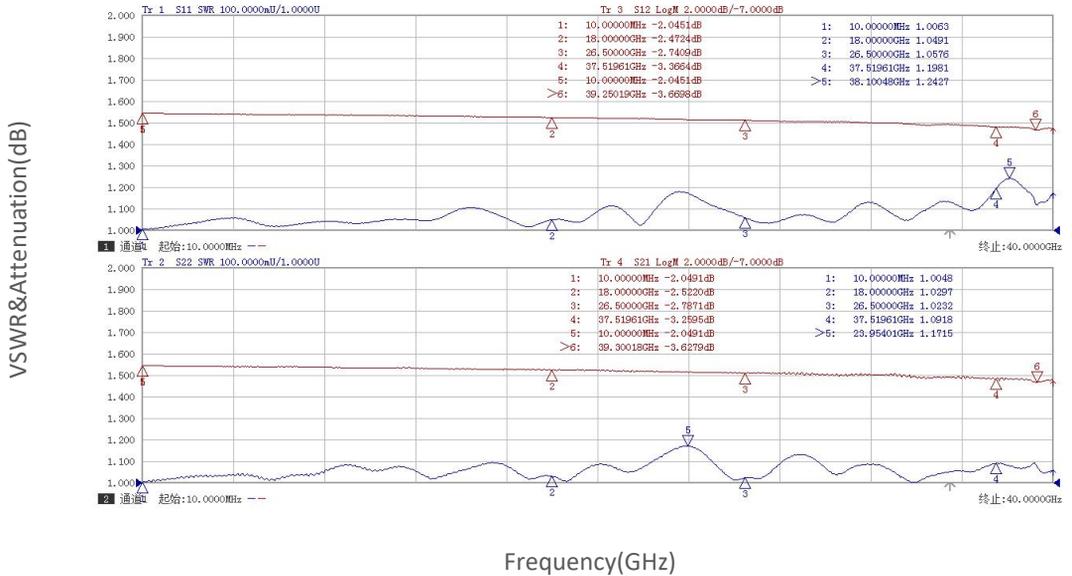
订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TA03A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,3±1.5dB Attenuation
TA04A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,4±1.5dB Attenuation
TA05A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,5±1.5dB Attenuation
TA06A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,6±1.5dB Attenuation
TA07A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,7±1.5dB Attenuation
TA08A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,8±1.5dB Attenuation
TA09A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,9±1.5dB Attenuation
TA10A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,10±1.5dB Attenuation
TA20A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,20±1.5dB Attenuation
TA30A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,30±1.5dB Attenuation
TA40A20-2.92-40	Coaxial Fixed Attenuator, DC-40GHz,40(-1.5/+2.0)dB Attenuation

典型曲线 Typical Performance Data:

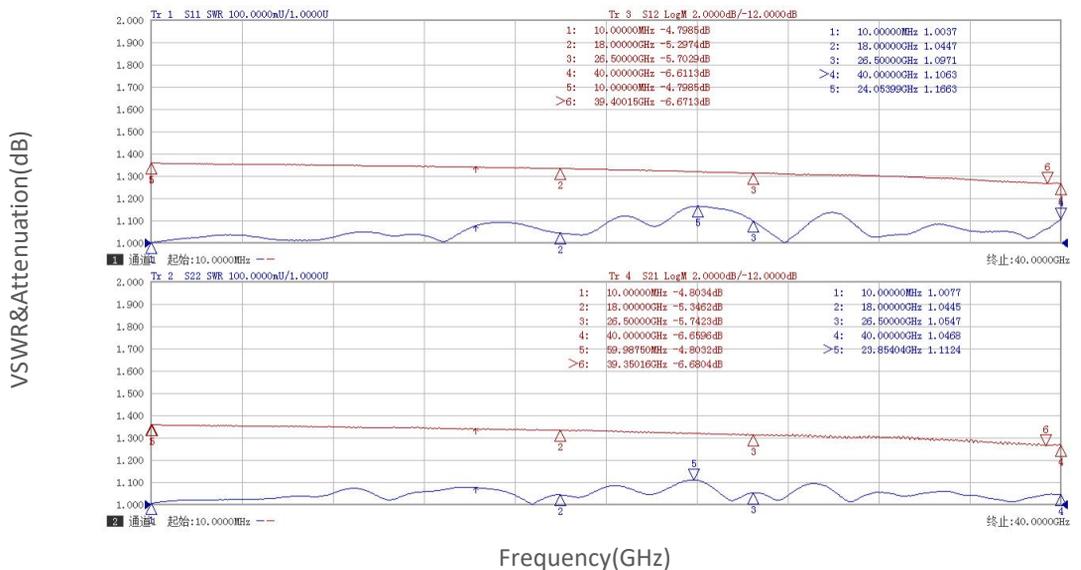
TA03A20-2.92-40:

VSWR&Attenuation vs Frequency



TA06A20-2.92-40:

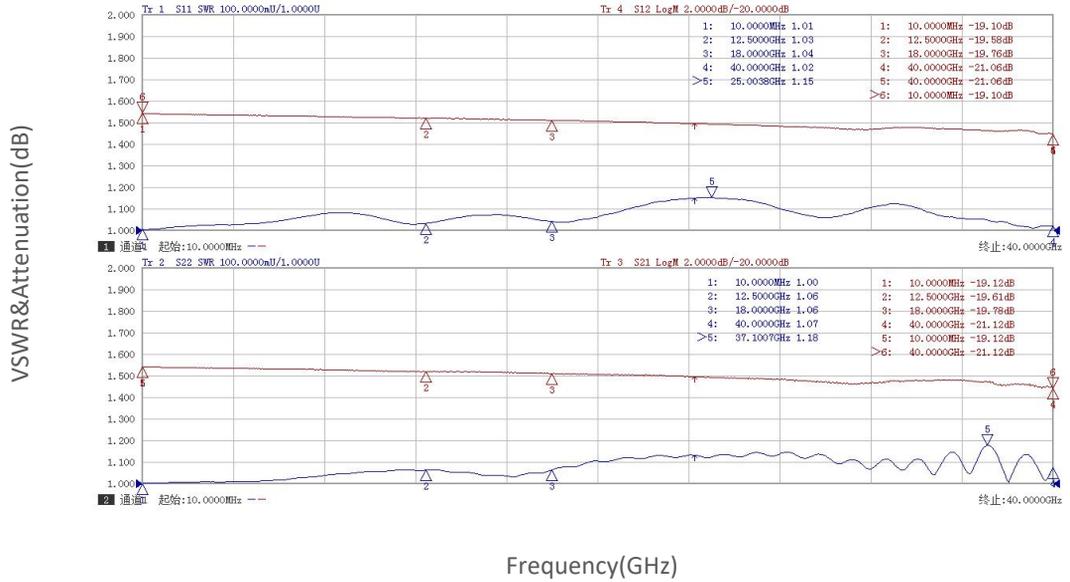
VSWR&Attenuation vs Frequency



典型曲线 Typical Performance Data:

TA20A20-2.92-40:

VSWR&Attenuation 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.