

## Coaxial Fixed Attenuator

### SMA Female/DC-12.4GHz

Model:TAXXA50-S-12.4C-F

TAXXA50-S-12.4C-F is a 10//20/30/40 dB coaxial attenuator that is used in millimeterwave systems and operates from DC to 12.4 GHz.

#### Features:

- Operating Frequency DC to 12.4GHz
- 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		12.4	GHz
衰减范围 Attenuation Range		10 ±1.2		dB
		20±1.2		dB
		30±1.2		dB
		40±1.2		dB
驻波 VSWR			1.35	:1
阻抗 Impedance		50		Ohms
射频功率值 RF Power Rating*	50 Watts Average at 25°C; Peak: 500W (5 μSec Pulse Width , 5% Duty Cycle)			

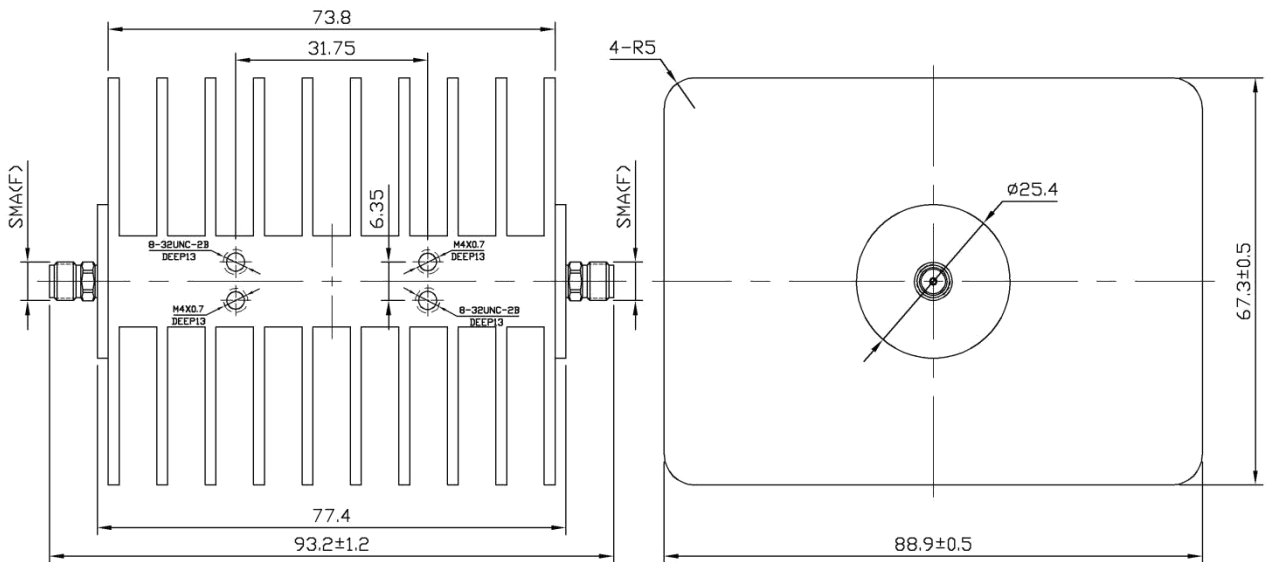
\*Note: Average power linearly decreases to 10W when temperature rises to 125°C.

#### 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	-65~+125	°C
腔体材质 Body Material	Anodized Aluminum	
连接器材质 Connector Material	Stainless Steel Passivation	
内导体 Inner Conductor	Gold-plated, Beryllium Bronze	
接口 Connectors	SMA Female	
尺寸 Size	88.9*67*93.2	mm
重量 Weight	500	g

外形图 Outline Drawing:

Unit:mm



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
TA10A50-S-12.4C-F	Coaxial Fixed Attenuator, DC-12.4GHz,10±1.2dB Attenuation
TA20A50-S-12.4C-F	Coaxial Fixed Attenuator, DC-12.4GHz,20±1.2dB Attenuation
TA30A50-S-12.4C-F	Coaxial Fixed Attenuator, DC-12.4GHz,30±1.2dB Attenuation
TA40A50-S-12.4C-F	Coaxial Fixed Attenuator, DC-12.4GHz,40±1.2dB Attenuation