

Coaxial Fixed Attenuator

2.92mm Female&Male/DC-40GHz

Model: TAXXA50-2.92-40B

TAXXA50-2.92-40B is a 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		10(-2.0/+2.5)		dB
		20(±3.0)		dB
		30(±3.0)		dB
		40(±3.0)		dB
VSWR			1.35	:1
Impedance		50		Ohms
RF Power Rating	50 Watts Average at 25°C PEAK: 200 Watts(5 μs pulse width, 10% duty cycle)			

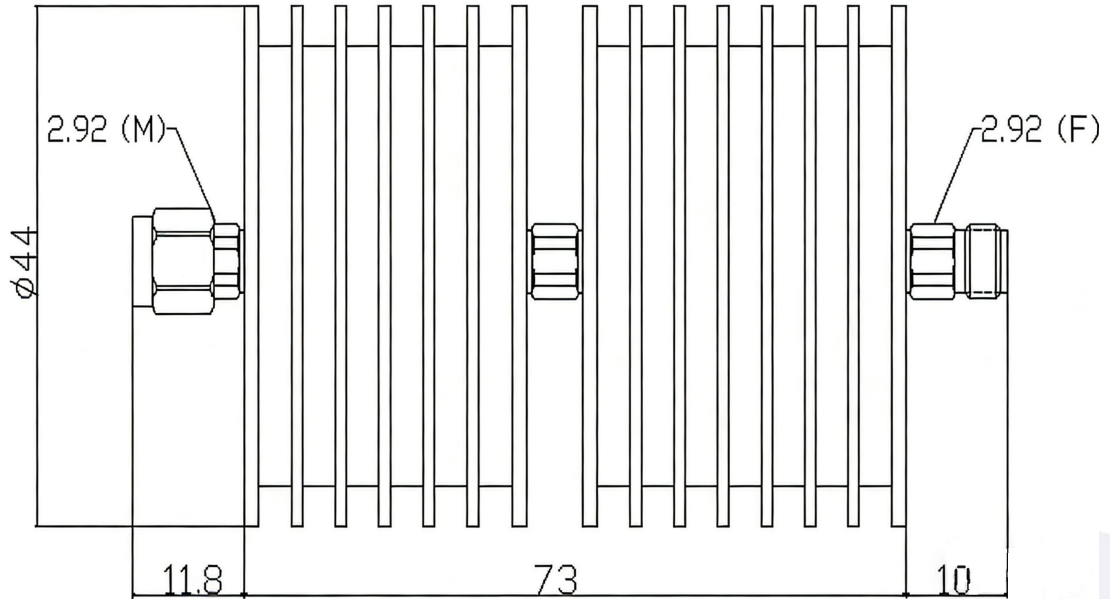
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Body Material	Black, finned aluminum	
Connector Material	Passivated stainless steel or brass, gold plated	
Inner Conductor	Gold plated beryllium copper	
Insulators	PEI	
Connectors	2.92mm Female/Male	
Size	ø44*94.8(10dB) ø54*110.6(20/30/40dB)	mm

Outline Drawing:

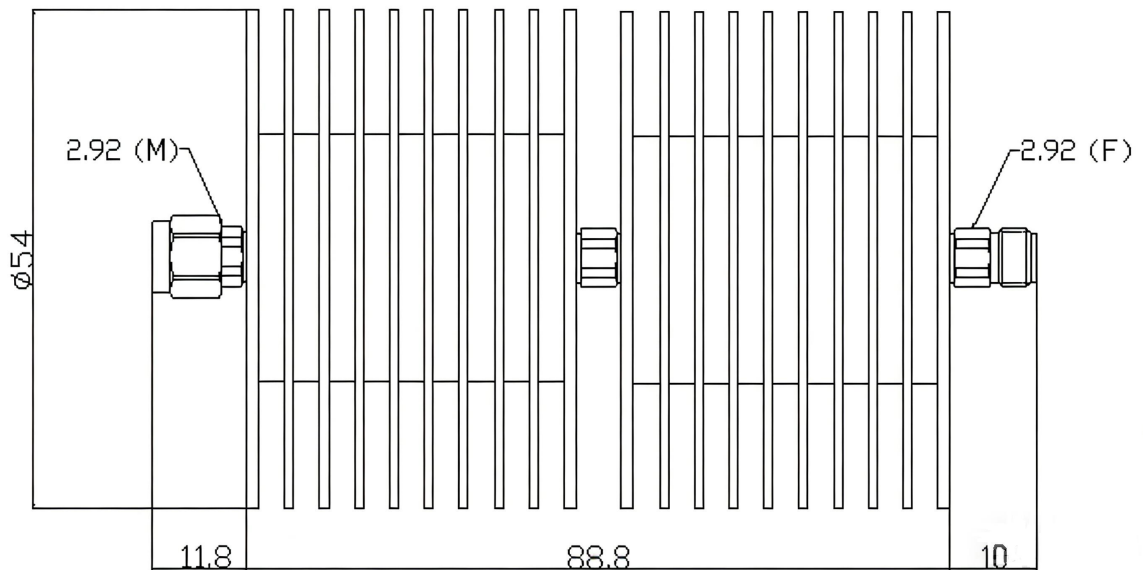
Unit:mm

10dB:



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

20/30/40dB:



Ordering Information:

Base Number	Description
TA10A50-2.92-40B	Coaxial Fixed Attenuator, DC-40GHz,10(-2.0/+2.5)dB Attenuation
TA20A50-2.92-40B	Coaxial Fixed Attenuator, DC-40GHz,20(± 3.0)dB Attenuation
TA30A50-2.92-40B	Coaxial Fixed Attenuator, DC-40GHz,30(± 3.0)dB Attenuation
TA40A50-2.92-40B	Coaxial Fixed Attenuator, DC-40GHz,40(± 3.0)dB Attenuation