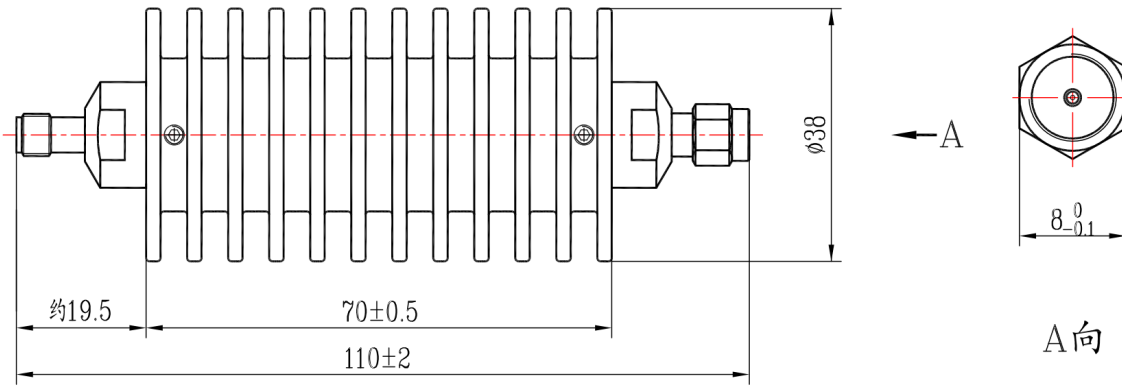




## SMA Coaxial Fixed Attenuator, R8S50MFU-XX DC-8.5GHz, 50W, 1-40dB, Unidirectional, Round

### Dimensions(mm) Tolerance±1%



Typical Value
RFTOP P/N
R8S50MFU-3
R8S50MFU-6
R8S50MFU-10
R8S50MFU-20
R8S50MFU-30
R8S50MFU-40

### Electrical & Environmental

<b>Frequency Range</b>	DC-8.5GHz	<b>Impedance</b>	50 ohm	<b>VSWR</b>	1.25 max
<b>Input Avg Power</b>	50W @25°C	<b>Peak Power</b>	1kW (5µsec pulse width, 2% duty cycle)		
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C	<b>Attenuation</b>	1-40dB, Customizable		
<b>Direction</b>	Unidirectional,SMA male input to SMA female output				

### Mechanical & Product Information

<b>Product Number</b>	R8S50MFU-XX, Professional	<b>Connector</b>	SMA
<b>Connector Body</b>	Ternary alloy plated brass	<b>Heat Sink</b>	Black anodized aluminum
<b>Center Contact</b>	Gold plated brass, Gold plated beryllium copper		
<b>Operating Temp</b>	-55°C~+100°C	<b>Net Weight</b>	-

### Attenuation&Accuracy(DC-8.5GHz)

<b>Attenuation(dB)</b>	1-10	11-20	21-30	31-40
<b>Accuracy(dB)</b>	±0.5	±0.6	±0.8	±0.8

### Notes

1. To maintain best performance, recommended to use fan to keep the case temp under 85°C.
2. Refer to the derating curve for power input,derate linearly to 5 W at 100°C.
3. Always pay attention to the direction of attenuators and note IN/OUT markings.
4. Customized dB values,outlines and optimal accuracy & VSWR available.

