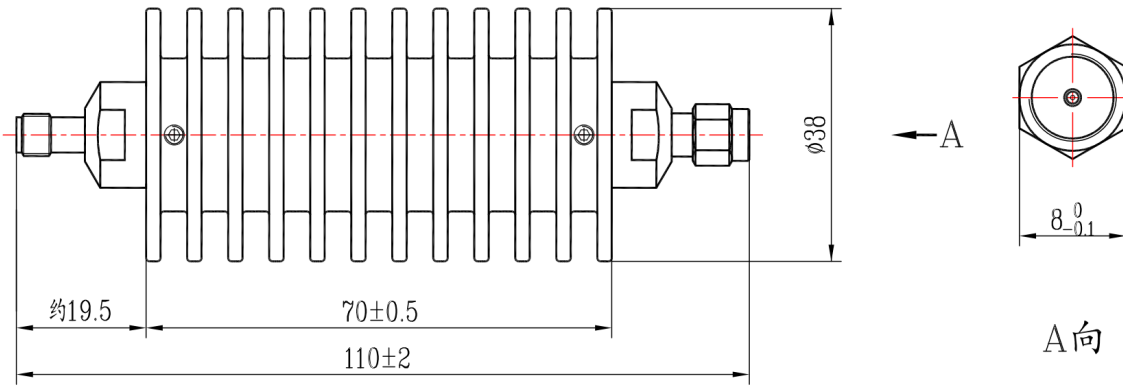




**SMA Coaxial Fixed Attenuator, R1S20-XX**  
**DC-1GHz, 20W, 70-110dB, Bidirectional, Round**

**Dimensions(mm) Tolerance±1%**



Typical Value	
RFTOP P/N	
R1S20-70	
R1S20-80	
R1S20-90	
R1S20-100	
R1S20-110	

**Electrical & Environmental**

<b>Frequency Range</b>	DC-1GHz	<b>Impedance</b>	50 ohm	<b>VSWR</b>	1.05 max
<b>Input Avg Power</b>	20W @25°C	<b>Peak Power</b>	500W (5µsec pulse width, 1% duty cycle)		
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C	<b>Attenuation</b>	70-110dB, Customizable		
<b>Direction</b>	Bidirectional,SMA male to SMA female				

**Mechanical & Product Information**

<b>Product Number</b>	R1S20-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~+125°C	<b>Net Weight</b>	-

**Attenuation&Accuracy(DC-1GHz)**

<b>Attenuation(dB)</b>	90-110
<b>Accuracy(dB)</b>	±2.0

**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 2 W at 100°C.
3. Customized dB values,outlines and optimal accuracy & VSWR available.

