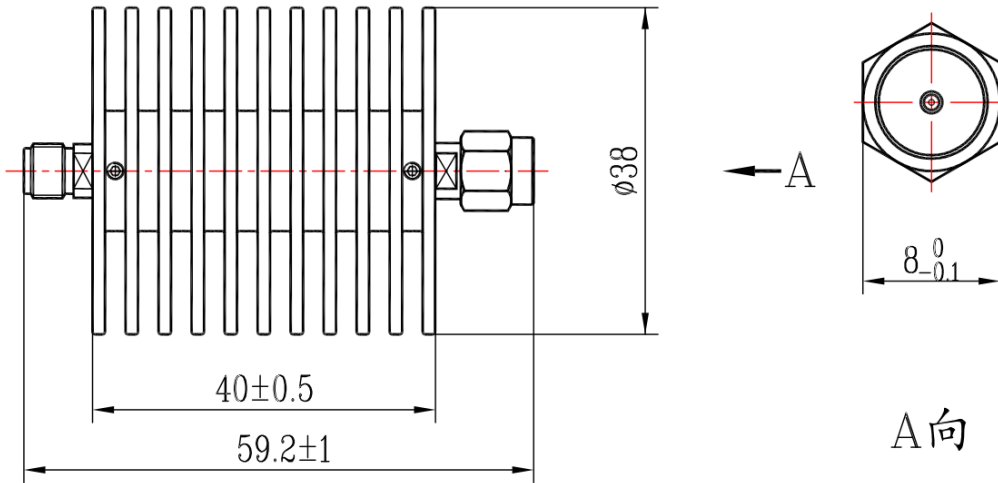




## SMA Coaxial Fixed Attenuator, R6S30-XX DC-6GHz, 30W, 1-40dB, Unidirectional, Round

### Dimensions(mm) Tolerance±1%



Typical Value
RFTOP P/N
R6S30-3
R6S30-6
R6S30-10
R6S30-20
R6S30-30
R6S30-40
R6S30-50

### Electrical & Environmental

<b>Frequency Range</b>	DC-6GHz	<b>Impedance</b>	50 ohm	<b>VSWR</b>	1.2 max
<b>Input Avg Power</b>	30W @25°C	<b>Peak Power</b>	1kW (5μsec pulse width, 1% 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>	R6S30-XX, Professional	<b>Connector</b>	SMA
<b>Connector Body</b>	Passivated stainless steel	<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-6GHz)

<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 3 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.

