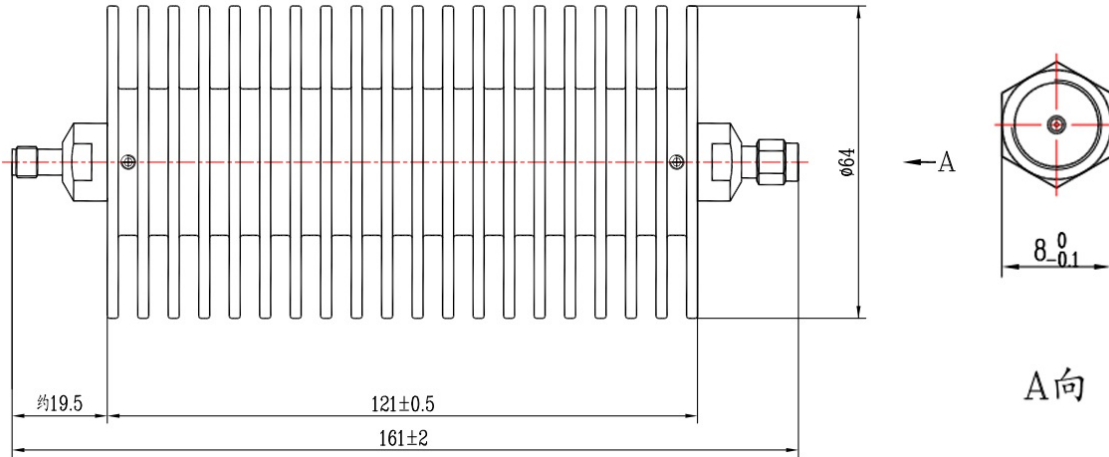




SMA Coaxial Fixed Attenuator, R8S100U-XX DC-8.5GHz, 100W, 6-60dB, Unidirectional, Round

Dimensions(mm) Tolerance±1%



Typical Value
RFTOP P/N
R8S100U-6
R8S100U-10
R8S100U-20
R8S100U-30
R8S100U-40
R8S100U-50
R8S100U-60

Electrical & Environmental

Frequency Range	DC-8.5GHz	Impedance	50 ohm	VSWR	1.25 max
Input Avg Power	100W @25°C	Peak Power	5kW (5μsec pulse width, 0.5% duty cycle)		
Temp Coefficient	<0.0004 dB/dB/°C	Attenuation	6-60dB, Customizable		
Direction	Unidirectional, SMA male input to SMA female output				

Mechanical & Product Information

Product Number	R8S100U-XX, Professional	Connector	SMA
Connector Body	Ternary alloy plated brass	Heat Sink	Black anodized aluminum
Center Contact	Gold plated brass, Gold plated beryllium copper		
Operating Temp	-55°C~+125°C	Net Weight	About 536.0g

Attenuation&Accuracy(DC-8.5GHz)

Attenuation(dB)	6-10	20	30	40	50/60
Accuracy(dB)	±0.8	±0.8	±0.9	±0.9	±1.0

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 10 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.

