



Coaxial Fixed Attenuator **SRFS-ATB18XXSC5**

DC-18 GHz, 1-60 dB, 5 Watts, SMA, Bidirectional

Electrical

Impedance	50 ohm				
Frequency Range	DC-18 GHz				
VSWR	1.25 max				
Input Avg Power	5W@ 25°C ambient, derating linearly to 0.5W at 100°C				
Peak Power	500W (5 micro-sec pulse width, 0.5% duty cycle)				
Direction	Bidirectional, SMA female to SMA male (other configurations available)				

Attenuation(dB)	1-10	20	30	40	50, 60
Accuracy(dB)	±0.6	±0.6	±0.7	±0.9	±1.2

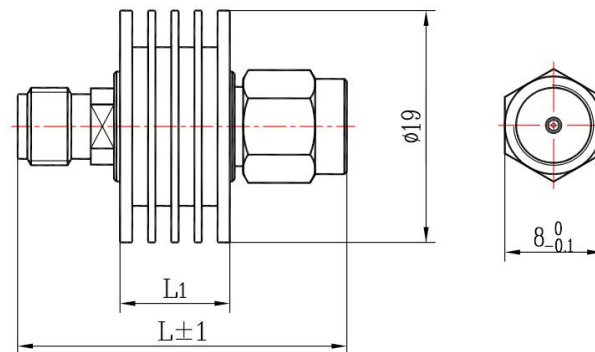
Mechanical

Connector Body	Passivated stainless steel
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 10 g

Environmental

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 125°C
RoHS	Compliant
Temperature Coefficient	<0.0004 dB/dB/°C

Dimensions(mm)



1-20dB: $L_1=9$, $L=27$

30-60dB: $L_1=12$, $L=30$