

Coaxial Fixed Attenuator

SRFS-AT18XXSD30

DC-18 GHz, 1-60 dB, 30 Watts, SMA, Unidirectional



Electrical

Impedance	50 ohm					
Frequency Range	DC-18 GHz					
VSWR	1.35 max					
Input Avg Power	30W@ 25°C ambient, derating linearly to 3W at 100°C					
Peak Power	500W (5 micro-sec pulse width, 3% duty cycle)					
Direction	Unidirectional, SMA male input, SMA female output (other configurations available)					
Attenuation(dB)	1-10	11-20	21-30	31-40	41-50	51-60
Accuracy(dB)	±0.8	±0.9	±1.0	±1.2	±1.3	±1.5

Mechanical

Connector Body	Passivated stainless steel
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Weight	Approx 40g

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)

