

Coaxial Fixed Attenuator

SRFS-AT18XXSD100-D



DC-18 GHz, 6-60 dB, 100 Watts, SMA, Unidirectional

Electrical

Impedance	50 ohm				
Frequency Range	DC-18 GHz				
VSWR	1.45 max				
Input Avg Power	100W@ 25°C ambient, derating linearly to 10W at 100°C				
Peak Power	1kW (5 micro-sec pulse width, 5% duty cycle)				
Direction	Unidirectional, SMA male input, SMA female output (other configurations available)				
Attenuation(dB)	6-10	20	30	40	50,60
Accuracy(dB)	±1.5	±1.5	±1.3	±1.3	±1.4

Mechanical

Connector Body	Passivated stainless steel
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 1400 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)

