

Coaxial Fixed Attenuator

SRFS-18XXTD100

DC-18 GHz, 1-40 dB, 100 Watts, TNC, 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, TNC male input, TNC female output (other configurations available)			
Attenuation(dB)	6-10	11-20	21-30	31-40
Accuracy(dB)	±0.8	±1.0	±1.2	±1.2

Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 570 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)

