

Coaxial Fixed Attenuator

SRFS-12XXTD50-S

DC-12.4 GHz, 1-50 dB, 50 Watts, TNC, Unidirectional

Electrical

Impedance	50 ohm			
Frequency Range	DC-12.4 GHz			
VSWR	1.35 max			
Input Avg Power	50W@ 25°C ambient, derating linearly to 5W at 100°C			
Peak Power	800W (5 micro-sec pulse width, 3% duty cycle)			
Direction	Unidirectional, TNC male input, TNC female output (other configurations available)			

Attenuation(dB)	1-10	20	30	40-50
Accuracy(dB)	±0.6	±0.7	±0.8	±1.0

Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 560 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)

