

Coaxial Fixed Attenuator

SRFS-12XXNC50

DC-12.4 GHz, 1-50 dB, 50 Watts, N, Bidirectional



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	Bidirectional, N female to N male (other configurations available)				

Attenuation(dB)	1-10	20	30	40	50
Accuracy(dB)	±0.8	±0.8	±0.9	±0.9	±1.0

Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 250 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)

