

Coaxial Fixed Attenuator

SRFS-08XX30

DC-8.5 GHz, 1-50 dB, 30 Watts, N, Unidirectional



Electrical

Impedance	50 ohm				
Frequency Range	DC-8.5 GHz				
VSWR	1.25 max				
Input Avg Power	30W@ 25°C ambient, derating linearly to 3W at 100°C				
Peak Power	800W (5 micro-sec pulse width, 1.8% duty cycle)				
Direction	Unidirectional, N female input, N male output (other configurations available)				
Attenuation(dB)	1-10	11-20	21-30	31-40	41-50
Accuracy(dB)	±0.5	±0.6	±0.8	±0.8	±0.8

Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 170 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)

