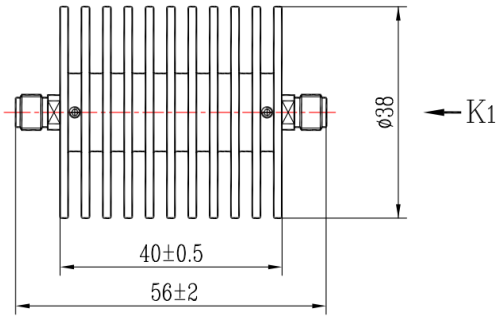
SMA Coaxial Fixed Attenuator, R8S30FFU-XX
DC-8.5GHz, 30W, 1-40dB, Unidirectional, Round



01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-8.5GHz , 50Ohms
VSWR	1.2 Max
Input Avg Power	30W @25°C
Peak Power	500W (5μsec pulse width, 3% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, SMA female imput to SMA female output
Attenuation	1-40dB
Operating Temp	-55°C~+125°C

03

Mechanical & Product Information

Product Number	R8S30FFU-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	SMA female, SMA female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Heat Sink	Black anodized aluminum

Product Selection		
RFTOP P/N	**ATTEN**	**Accuracy**
R8S30FFU-3	3 dB	±0.5 dB
R8S30FFU-6	6 dB	±0.5 dB
R8S30FFU-10	10 dB	±0.5 dB
R8S30FFU-20	20 dB	±0.6 dB
R8S30FFU-30	30 dB	±0.8 dB
R8S30FFU-40	40 dB	±0.8 dB

Notes: Pay attention to input/output. To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 80°C. Reference Curve,derate linearly to 3W at 100°C.

