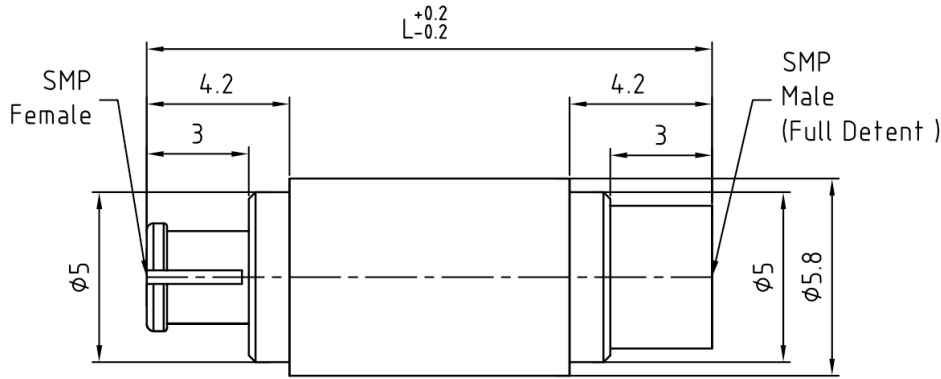




SMP(GPO) Coaxial Fixed Attenuator, R27SMP2-XX
DC-26.5GHz, 2W, 1-40dB, Bidirectional, Round

Dimensions(mm) Tolerance±1%



0-20dB:L=16.6
 30/40dB:L=18.6

Electrical & Environmental

Frequency Range	DC-26.5GHz , 50Ohms
VSWR	1.4 Max
Input Avg Power	2W @25°C
Peak Power	50W (5μsec pulse width, 2% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, SMP male to SMP female
Attenuation	1-40dB
Operating Temp	-55°C~+125°C

Product Selection, Customizable		
RFTOP P/N	ATTEN	Accuracy
R27SMP2-3	3 dB	+0.8/-0.4 dB
R27SMP2-6	6 dB	+0.8/-0.4 dB
R27SMP2-10	10 dB	±0.6 dB
R27SMP2-20	20 dB	±0.6 dB
R27SMP2-30	30 dB	+1.0/-0.8 dB
R27SMP2-40	40 dB	+1.0/-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 0.2W at 100°C.

Mechanical & Product Information

Product Number	R27SMP2-XX
Product Type	Coaxial Fixed Attenuator
Connector	SMP(GPO) male, SMP(GPO) female
Connector Body	Passivated stainless steel & BeCu
Center Contact	Gold plated brass, Gold plated beryllium copper
Heat Sink	N/A
Net Weight	About 3.0g

1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.

