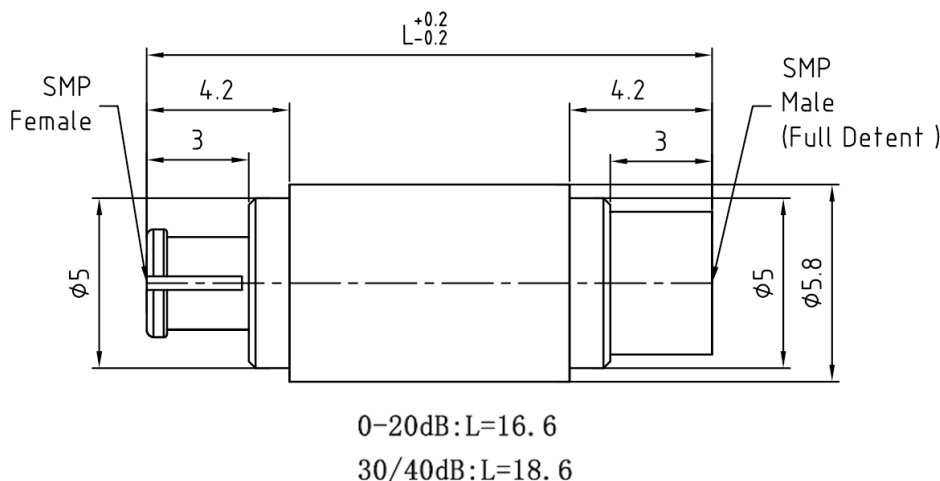




SMP(GPO) Coaxial Fixed Attenuator, R18SMP2-XX DC-18GHz, 2W, 1-40dB, Bidirectional, Round

Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

Frequency Range	DC-18GHz , 50Ohms
VSWR	1.35 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

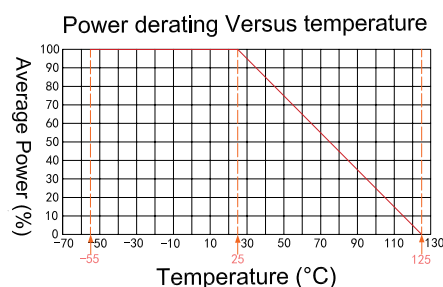
Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
R18SMP2-3	3 dB	+0.6/-0.4 dB
R18SMP2-5	5 dB	+0.6/-0.4 dB
R18SMP2-6	6 dB	+0.6/-0.4 dB
R18SMP2-10	10 dB	± 0.6 dB
R18SMP2-20	20 dB	± 0.6 dB
R18SMP2-30	30 dB	± 0.8 dB
R18SMP2-40	40 dB	± 0.8 dB

Mechanical & Product Information

Product Number	R18SMP2-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 1.7g

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.



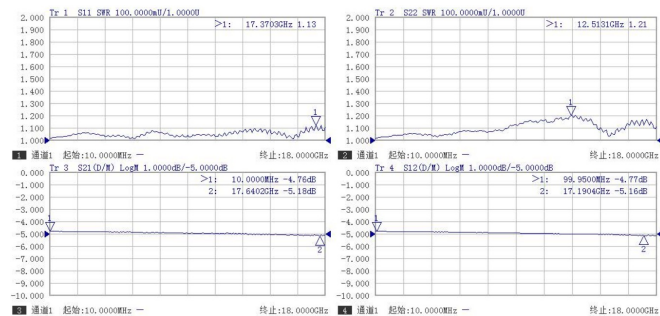
1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.

SMP(GPO) Coaxial Fixed Attenuator, R18SMP2-XX DC-18GHz, 2W, 1-40dB, Bidirectional, Round



Typical Test Data

5dB



20dB

