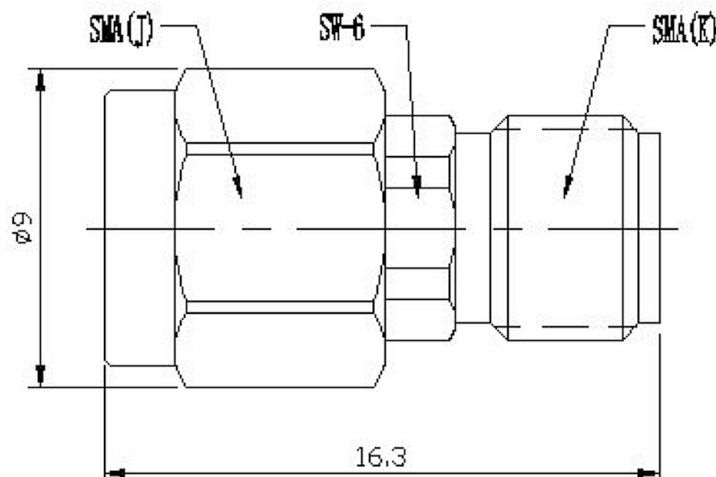




SMA Low-temp Attenuator, RLT27S2X-XX DC-26.5GHz, 2W, 1-30dB, Bidirectional, Round

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



Electrical & Environmental

Frequency Range	DC-26.5GHz , 50Ohms
VSWR	1.25 Max
Input Avg Power	2W @25°C
Peak Power	20W (5μsec pulse width, 0.5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, SMA male to SMA female
Attenuation	1-30dB
Operating Temp	-273.146°C~+125°C

Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
RLT27S2X-3	3 dB	+0.8/-0.6 dB
RLT27S2X-5	5 dB	+0.8/-0.6 dB
RLT27S2X-6	6 dB	+0.8/-0.6 dB
RLT27S2X-10	10 dB	+0.8/-0.6 dB
RLT27S2X-15	15 dB	+0.8/-0.6 dB
RLT27S2X-20	20 dB	+0.8/-0.6 dB
RLT27S2X-25	25 dB	+0.8/-0.6 dB
RLT27S2X-30	30 dB	+0.8/-0.6 dB

Mechanical & Product Information

Product Number	RLT27S2X-XX
Product Type	Low-temp Attenuator, P-Grade, Non-Magnetic
Connector	SMA male, SMA female
Connector Body	Gold plated beryllium copper
Center Contact	1.27μm Gold plated brass / beryllium copper
Heat Sink	N/A

Customization and selection, Refer to RFTOP attenuator selection and usage guide.

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 60°C. Reference Curve, derate linearly to 0.2W at 100°C.

