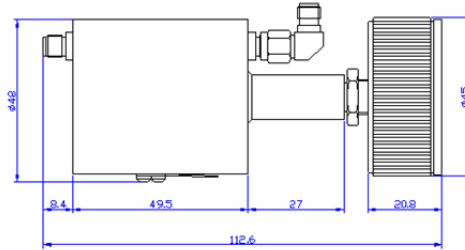
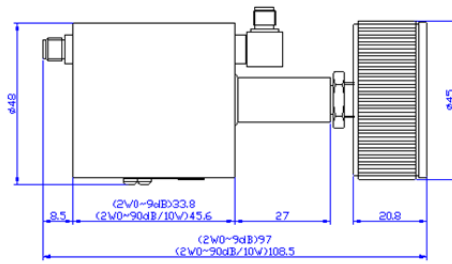


Rotary Step attenuators are used to adjust the power signal level by step within certain frequency range, they can also be used to adjust the test system's power level as inset attenuators, it is small with high accuracy and high stability etc.

SATRXX-1-XX-X-A5 type rotary step attenuators' average power 2W,10W, 25W, frequency range from DC-26.5GHz, attenuation value 0-80dB by 1dB/ 10dB step.



MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum
Temp Range	-20°C~+85°C
Dimensions	2W 0~9dB:Ø48×97mm 2W 0~90dB/10W:Ø48×108.5mm 25W: Ø48×112.6mm
Weight	2W 0~9dB:220g 0~90dB/10W: 280g 25W:300g

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Step Size	Max VSWR	Insertion Loss(dB)	Attenuation Accuracy(dB)
SATR02-1-9-8-A5	DC-8	0-9dB in 1dB steps	1.40	≤0.8	±0.6
SATR02-1-9-12.4-A5	DC-12.4		1.50	≤1.0	±0.8
SATR02-1-9-18-A5	DC-18		1.60	≤1.2	±1.0
SATR02-1-90-8-A5	DC-8	0-90dB in 10dB steps	1.40	≤1.0	±1.5(0~60dB) ±2.5 or 3.5%(70~90dB)
SATR02-1-90-12.4-A5	DC-12.4		1.50	≤1.2	
SATR02-1-90-18-A5	DC-18		1.60	≤1.5	
SATR10-1-9-8-A5	DC-8	0-9dB in 1dB steps	1.40	≤0.8	±0.6
SATR10-1-9-12.4-A5	DC-12.4		1.50	≤1.0	±0.8
SATR10-1-9-18-A5	DC-18		1.60	≤1.2	±1.0
SATR10-1-90-8-A5	DC-8	0-90dB in 10dB steps	1.40	≤1.0	±1.5(0~60dB) ±2.5 or 3.5%(70~90dB)
SATR10-1-90-12.4-A5	DC-12.4		1.50	≤1.2	
SATR10-1-90-18-A5	DC-18		1.60	≤1.5	
SATR25-1-70-18-A5	DC-18	0-70dB in 10dB steps	1.65	≤1.0	±1.5dB or 4%
SATR25-1-60-26.5-A5	DC-26.5	0-60dB in 10dB steps	1.80	≤1.8	

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 2W,10W,25W

**PEAK POWER:** 200W(5μs pulse width with 1% duty cycles)

**CONNECTOR TYPE:** SMA(F,F)

**Notes:**

1. Dimensions Tolerance  $\pm 5\%$
2. Custom designs available for other special attenuation value & accuracy.