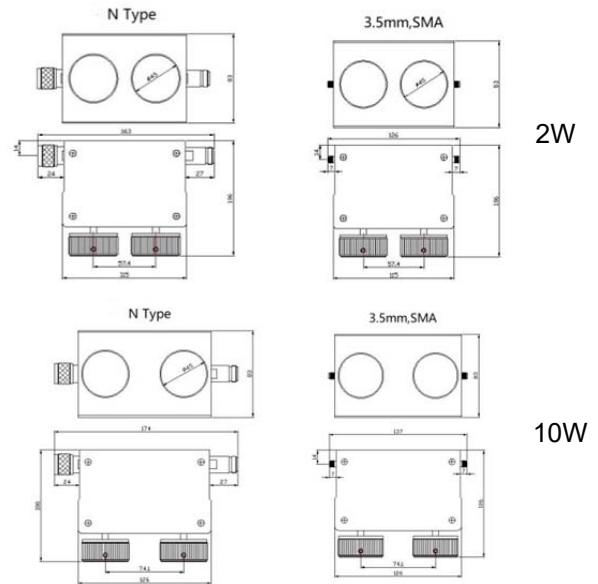


Rotary Step attenuators are used to adjust the power signal level by step within certain frequency range, they can also be used to adjust the test system's power level as inset attenuators, it is small with high accuracy and high stability etc.

SATRXX-2-XX-X-A7-B type rotary step attenuators' average power 2W,10W, frequency range from DC-26.5GHz, attenuation value 0-99dB by 1dB step.



MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Male Pin	Brass Gold Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum,Anodic Oxidation
Temp Range	0°C~+54°C
Dimensions	2W:115×106×83mm 10W:126×106×83mm
Weight	2W:985~1040g;10W:1020g~1075g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Step Size	Max VSWR	Insertion Loss(dB)	Attenuation Accuracy(dB)
SATR02-2-69-8-A7-B	DC-8	0-69dB in 1dB steps	1.50	≤1.25	±0.5dB(1~9dB)(DC-8G) ±0.8dB(1~9dB)(>8G)
SATR02-2-69-12.4-A7-B	DC-12.4		1.60	≤1.50	±1.0dB(10~19dB) ±1.5dB(20~49dB) ±2.0dB(50~69dB)
SATR02-2-69-18-A7-B	DC-18		1.75	≤1.50	
SATR02-2-69-26.5-A7-B	DC-26.5		1.85	≤2.2	±1.5dB(1~9dB) ±1.75dB(10~19dB) ±2.0dB(20~49dB) ±2.5dB(50~69dB)
SATR02-2-99-8-A7-B	DC-8	0-99dB in 1dB steps	1.50	≤1.25	±0.5dB(1~9dB)(DC-8G) ±0.8dB(1~9dB)(>8G)
SATR02-2-99-12.4-A7-B	DC-12.4		1.60	≤1.50	±1.0dB(10~19dB) ±1.5dB(20~49dB) ±2.0dB(50~69dB)
SATR02-2-99-18-A7-B	DC-18		1.75	≤1.50	±2.5dBor3.5%(70~99dB)
SATR10-2-69-8-A7-B	DC-8	0-69dB in 1dB steps	1.50	≤1.25	±0.5dB(1~9dB)(DC-8G) ±0.8dB(1~9dB)(>8G)
SATR10-2-69-12.4-A7-B	DC-12.4		1.60	≤1.50	±1.0dB(10~19dB) ±1.5dB(20~49dB) ±2.0dB(50~69dB)
SATR10-2-69-18-A7-B	DC-18		1.75	≤1.75	
SATR10-2-99-8-A7-B	DC-8	0-99dB in 1dB steps	1.50	≤1.25	±0.5dB(1~9dB)(DC-8G) ±0.8dB(1~9dB)(>8G)
SATR10-2-99-12.4-A7-B	DC-12.4		1.60	≤1.50	±1.0dB(10~19dB) ±1.5dB(20~49dB) ±2.0dB(50~69dB)
SATR10-2-99-18-A7-B	DC-18		1.75	≤1.75	±2.5dBor3.5%(70~99dB)

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 2W,10W

PEAK POWER: 200W (5μs pulse width with 2% duty cycle)

CONNECTOR TYPE: N(M,F), SMA(F,F), 3.5mm(F,F,)

Notes:

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