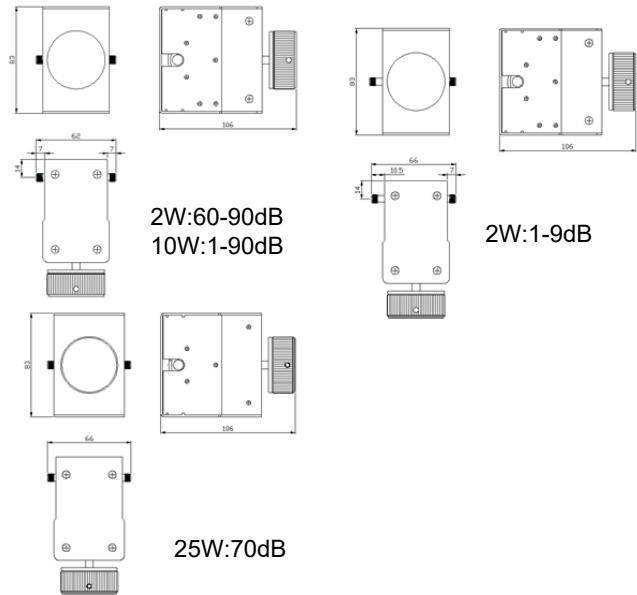


Rotary Step attenuators are used to adjust the power signal level by step within certain frequency range, they can also be used to adjust the test system's power level as inset attenuators, it is small with high accuracy and high stability etc.

SATRXX-1-XX-X-A8-B type rotary step attenuators' average power 2W,10W,25W frequency range from DC-28GHz, attenuation value 0-90dB by 1dB/10dB step.



MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum Anodic Oxidation
Temp Range	0°C ~ +54°C
Dimensions	2W:60-90dB; 10W:1-90dB: 62×106×83mm 2W:1-9dB; 25W:70dB 66×106×83mm
Weight	525g; 520g

ELECTRICAL SPECIFICATIONS

RoHS Compliant: Yes

Model Number	Frequency Range(GHz)	Attenuation Step Size	Max VSWR	Insertion Loss(dB)	Attenuation Accuracy(dB)
SATR02-1-9-18-A8-B	DC-18	0-9dB in 1dB steps	1.60	≤1.0	±0.8dB
SATR02-1-9-26.5-A8-B	DC-26.5		1.70	≤1.8	±1.0dB
SATR02-1-70-18-A8-B	DC-18	0-70dB in 10dB steps	1.60	≤1.0	±1.5dB or 4%
SATR02-1-60-26.5-A8-B	DC-26.5	0-60dB in 10dB steps	1.75	≤1.8	±1.5dB or 4%
SATR02-1-90-8-A8-B	DC-8	0-90dB in 10dB steps	1.60	≤1.0	±1.5dB or 4%
SATR02-1-90-12.4-A8-B	DC-12.4				
SATR02-1-90-18-A8-B	DC-18				
SATR10-1-9-18-A8-B	DC-18	0-9dB in 1dB steps	1.60	≤1.0	±0.8dB
SATR10-1-9-26.5-A8-B	DC-26.5		1.70	≤1.8	±1.0dB
SATR10-1-9-26.5-A8-B	DC-28		1.75	≤1.8	±1.5dB
SATR10-1-70-18-A8-B	DC-18	0-70dB in 10dB steps	1.60	≤1.0	±1.5dB or 4%
SATR10-1-60-26.5-A8-B	DC-26.5	0-60dB in 10dB steps	1.75	≤1.8	±1.5dB or 4%
SATR10-1-90-8-A8-B	DC-8	0-90dB in 10dB steps	1.60	≤1.0	±1.5dB or 4%
SATR10-1-90-12.4-A8-B	DC-12.4				
SATR10-1-90-18-A8-B	DC-18				
SATR25-1-70-18-A8-B	DC-18	0-70dB in 10dB steps	1.60	≤1.0	±1.5dB or 4%
SATR25-1-70-26.5-A8-B	DC-26.5		1.75	≤1.8	
SATR25-1-70-28-A8-B	DC-28		1.75	≤1.8	±2.0dB or 5%
SATR02-1-9-32-A8-B	DC-32	0-9dB in 1dB steps	1.90	≤2.0	±1.2dB
SATR02-1-9-40-A8-B	DC-40		2.00	≤2.5	±1.5dB

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 2W,10W,25W

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

CONNECTOR TYPE: 3.5mm(F,F), SMA(F,F)(DC-18GHz),2.92mm(F,F)(DC-40G)

Notes:

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