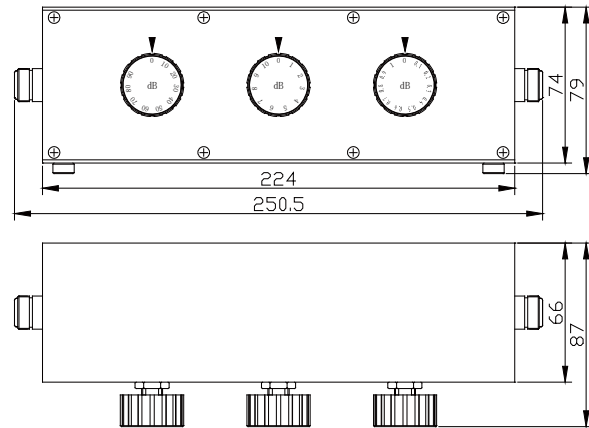


Rotary Step attenuators are used to adjust the power signal level by step within certain frequency range, they can also be used to adjust the test system's power level as inset attenuators, it is small with high accuracy and high stability etc.

SATRXX-3-XX-X-A4 type rotary step attenuators' average power 2W,10W frequency range from DC-6GHz, attenuation value 0-101dB by 0.1dB step.



MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum,Blue Spray Painting
Temp Range	-20°C~+85°C
Dimensions	250.5×87×79mm
Weight	1630g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Step Size	Max VSWR	Insertion Loss(dB)	Attenuation Accuracy(dB)
SATRXX-3-71-2.5-A4	DC-2.5	0-71dB in 0.1dB steps	1.50	≤1.5	±0.3dB (<1dB)
SATRXX-3-71-3-A4	DC-3		1.60	≤1.7	±0.5dB (≤10dB)
SATRXX-3-71-4.3-A4	DC-4.3		1.70	≤2.0	±0.8dB or 3% (<70dB)
SATRXX-3-71-6-A4	DC-6		1.75	≤2.5	±3% (≥70dB)
SATRXX-3-101-2.5-A4	DC-2.5	0-101dB in 0.1dB steps	1.50	≤1.5	±0.3dB (<1dB)
SATRXX-3-101-3-A4	DC-3		1.60	≤1.7	±0.5dB (≤10dB)
					±0.8dB or 3% (<70dB)
					±3% (≥70dB)

Note: XX refer to Average Power in W

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 2W,10W

PEAK POWER: 100W(5μs pulse width with 2% duty cycle)

CONNECTOR TYPE: N(F,F)

Notes:

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