

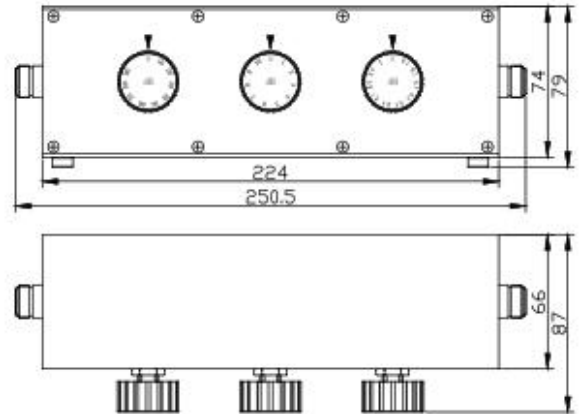
# MoTech Electronics

## VARIABLE/STEP ATTENUATORS

**Model MGKTSX-3-XX-X-A4 DC-6GHz 2,10 Watts**



B Type



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.

GKTS2-3-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	Female Pin	Housing	Temp Range	Dimensions	Weight
Brass Nickel Plated	Beryllium Copper Gold Plated	Aluminum, Blue Spray Painting	-20°C~+85°C	250.5×87×79mm	1.25Kg

**RoHS Compliant: Yes**

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Step Size	Max VSWR	Insertion Loss(dB)	Attenuation Accuracy(dB)
MGKTSX-3-71-2.5-A4	DC-2.5	0-71dB in 0.1dB steps	1.50	≤1.5	±0.3dB(0.1~1dB)
MGKTSX-3-71-3-A4	DC-3		1.60	≤1.7	±0.4dB(1~10dB)
MGKTSX-3-71-4.3-A4	DC-4.3		1.70	≤2.0	±0.8dB(10~60dB)
MGKTSX-3-71-6-A4	DC-6		1.75	≤2.5	±1.5dB(≤71dB)
MGKTSX-3-101-2.5-A4	DC-2.5	0-101dB in 0.1dB steps	1.50	≤1.5	±0.2dB(0.1~1dB)
MGKTSX-3-101-3-A4	DC-3		1.60	≤1.7	±0.4dB(1~10dB) ±0.8dB(10~60dB) ±1.5dB(<70dB) ±3.5%(≥70dB)

**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 ±2%
2. Custom designs available for other special attenuation value & accuracy