

MoTech Electronics

VARIABLE/STEP ATTENUATORS

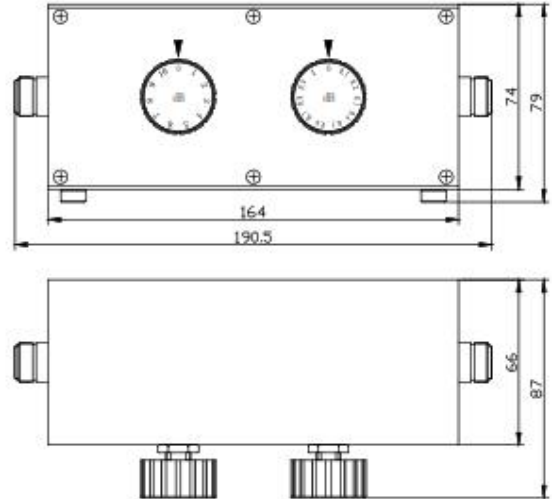
Model MGKTSX-2-XX-X-A3 DC-6GHz 2,10 Watts



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.

MGKTS serial A3 type rotary step attenuators' average power 2W,10W, frequency range from DC-6GHz, attenuation value 0-100dB by 0.1dB/ 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	190.5×87×79mm	1Kg

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Step Size	Max VSWR	Insertion Loss(dB)	Attenuation Accuracy(dB)
MGKTSX-2-11-2.5-A3	DC-2.5	0-11dB in 0.1dB steps	1.40	≤1.2	±0.3dB(≤1dB) ±0.5dB(>1dB)
MGKTSX-2-11-3-A3	DC-3		1.45		
MGKTSX-2-11-4.3-A3	DC-4.3		1.50		
MGKTSX-2-11-6-A3	DC-6		1.65		
MGKTSX-2-70-2.5-A3	DC-2.5	0-70dB in 1dB steps	1.40	≤1.2	±0.8dB or 3%(≤60dB) ±1.5 dB or 3% (>60dB)
MGKTSX-2-70-3-A3	DC-3		1.45		
MGKTSX-2-70-4.3-A3	DC-4.3		1.50		
MGKTSX-2-70-6-A3	DC-6		1.65		
MGKTSX-2-100-2.5-A3	DC-2.5	0-100dB in 1dB steps	1.40	≤1.2	±0.8dB or 3%(<60dB) ±1.5dB or 3%(<70dB) ±3.5%(≥70dB)
MGKTSX-2-100-3-A3	DC-3		1.45		

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