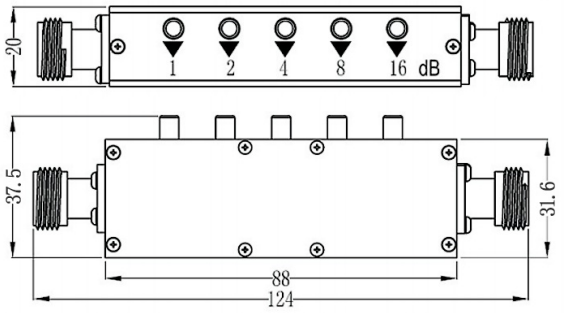


N Push Button Step Attenuator, RASP3N5-30-1
DC-3GHz, 5W, 0-30dB, Unidirectional, Rectangular

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-3GHz , 50Ohms
VSWR	1.3 Max
Insertion Loss	3.5dB Max
Input Avg Power	5W @25℃
Peak Power	50W (5μsec pulse width, 2% duty cycle)
Temp Coefficient	<0.0004 dB/dB/℃
Direction	Unidirectional, N female imput to N female output
Attenuation Step	1dB
Attenuation	0-30dB
Operating Temp	-10℃~+50℃

03

Mechanical & Product Information

Product Number	RASP3N5-30-1
Product Type	Push Button Step Attenuator, E-Grade
Connector	N female, N female
Connector Body	Nickel plated brass
Center Contact	Gold plated beryllium copper
Heat Sink	N/A
Net Weight	About 170.0g

Customization and selection, Refer to RFTOP attenuator selection and usage guide.

04

Attenuation&Accuracy(DC-3GHz)

Attenuation(dB)	Single Key	Combination Key
Accuracy(dB)	±0.9dB Max(0-8dB)	±3.5dB Max(10-20dB)

Notes: Pay attention to input/output. To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 60°C. Reference Curve,derate linearly to 0.5W at 100°C.

