

## FEATURES

- Small Size
- High Accuracy
- High Stability

## APPLICATIONS

- Laboratory Test and Measurement
- Wireless Communication



### Electrical Specifications

Frequency Range	DC~1GHz
Impedance	50Ω or 75Ω nominal
Attenuation Range	0~90dB in 1dB steps
Attenuation Steps(dB)	1, 2, 4, 8, 16, 20, 20, 20
VSWR	1.5 max
Accuracy	±0.5dB max@single step ±0.75dB@16dB ±1.5dB@20dB
Insertion Loss	3.6dB max
Average Power	5W
Operating Voltage	+12V (TTL Controlled with drive circuit)
Operating Current	100mA max
Temperature Range	-40°C~+70°C
RoHS Status	RoHS Compliant

### Mechanical Specifications

RF Connector	SMA, N, BNC
Connector Body	Gold Plated Brass
Female Pin	Gold Plated Beryllium Cooper
Housing	Aluminum, Anodic Oxidation
Size	213×51×23mm
Weight	250g

◇ Test Data is available at an additional cost ◇

### Ordering Information

5W	PA	1	-	8	-	90	-	50	S	T
										Control
										T: TTL
										RF Connector
										S: SMA
										N: Type N
										B: BNC
										Impedance
										50: 50Ω
										75: 75Ω
										Total dB Value
										Cells No.
										Maximum Frequency(GHz)
										Programmable Attenuator
										Average Power(W)