

## FEATURES

- High Accuracy
- High Stability
- Rugged Design

## APPLICATIONS

- Wireless Communication
- Laboratory Test



## Electrical Specifications

Frequency Range	DC~3GHz
Attenuation Range/Steps	0~101dB in 0.1dB steps
Attenuation Accuracy	±0.2dB (0.1~1dB) ±0.4dB (1~10dB) ±0.8dB (10~60dB) ±1.5dB (60<Att.<70dB) ±3.5% (Att. ≥70dB)
VSWR	1.6 max
Insertion Loss	1.7 max.
Impedance	50 Ohms
Average Power	2W or 10W
Peak Power	100 Watts (5μs pulse width, 2% duty cycle)

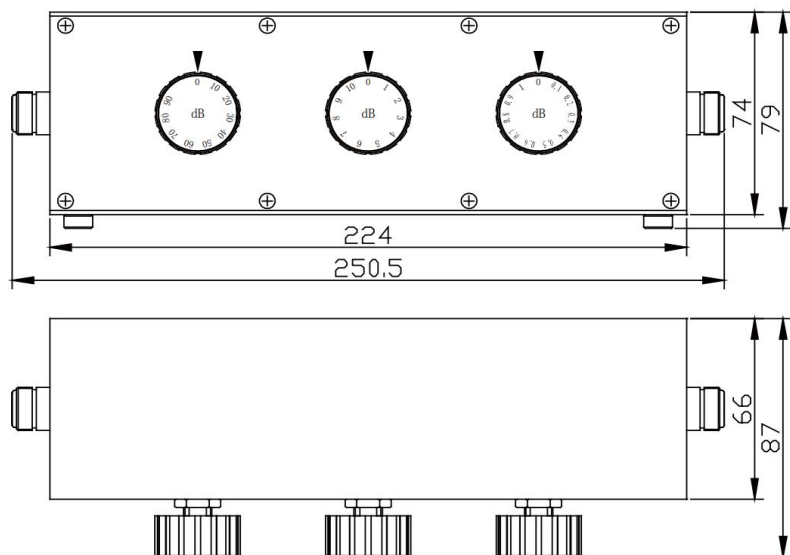
## Mechanical Specifications

Connector	N female to N female
Connector Material	Brass Nickel Plated
Female Pin	Beryllium Copper, Gold Plated
Housing	Aluminum, Blue Paint
Temperature Range	-20°C ~ +85°C
Weight	1.25kg
Size	250.5×87×79mm
RoHS Status	RoHS Compliant

## Ordering Information

<b>XW</b>	<b>SA</b>	<b>25087</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>101</b>	<b>-</b>	<b>N</b>
		Attenuator Dimensions(mm)			Max Frequency(GHz)		Max Attenuation Value(dB)	
		Step Attenuator		RF Connector N: N female to N female				
Average Power ▷ options: 2W, 10W								

## Outline Drawings[mm]



\* XWSA25087-3-101-N becomes: **10WSA25087-3-101-N**, when average power 10W is desired.

\* XWSA25087-3-101-N becomes: **2WSA25087-3-101-N**, when average power 2W is desired.