

## FEATURES

- High Accuracy
- High Stability
- Rugged Design

## APPLICATIONS

- Wireless Communication
- Laboratory Test



## Electrical Specifications

Frequency Range	DC~2.5GHz
Attenuation Range/Steps	0~100dB in 1dB steps
Attenuation Accuracy	±0.8dB (Att. <60dB) ±1.5dB (60dB≤Att. <70dB) ±3.5% (Att. ≥70dB)
VSWR	1.4 max
Insertion Loss	1.2 max.
Impedance	50 Ohms
Average Power	2W or 10W
Peak Power	100 Watts (5μs pulse width, 2% duty cycle)

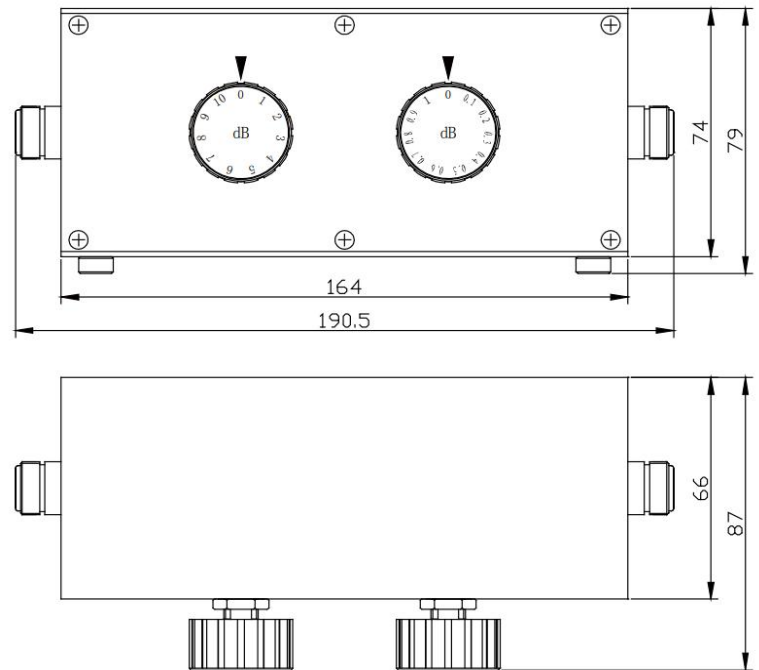
## Mechanical Specifications

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	1kg
Size	190.5×87×79mm
RoHS Status	RoHS Compliant

## Ordering Information

<b>XW</b>	<b>SA</b>	<b>19087</b>	-	<b>2.5</b>	-	<b>100</b>	-	<b>N</b>
Average Power ▷ options: 2W, 10W								
Step Attenuator								
Attenuator Dimensions(mm)								
Max Frequency(GHz)								
Max Attenuation Value(dB)								
RF Connector N: N female to N female								

## Outline Drawings[mm]



\* XWSA19087-2.5-100-N becomes: **10WSA19087-2.5-100-N**, when average power 10W is desired.

\* XWSA19087-2.5-100-N becomes: **2WSA19087-2.5-100-N**, when average power 2W is desired.