

**FEATURES**

- ❑ Small Size
- ❑ High Accuracy
- ❑ High Stability
- ❑ Rugged Design

**APPLICATIONS**

- ❑ Wireless Communication
- ❑ Laboratory Test



**Electrical Specifications**

Frequency Range	DC~2.5GHz
Attenuation Range/Steps	0~90dB in 10dB steps
Attenuation Accuracy	±0.5dB (Att. < 50dB) ±3% (Att. ≥ 50dB)
VSWR	1.25 max.
Insertion Loss	0.4 max.
Impedance	50 Ohms
Average Power	2W or 10W
Peak Power	100 Watts (5µs pulse width, 2% duty cycle)

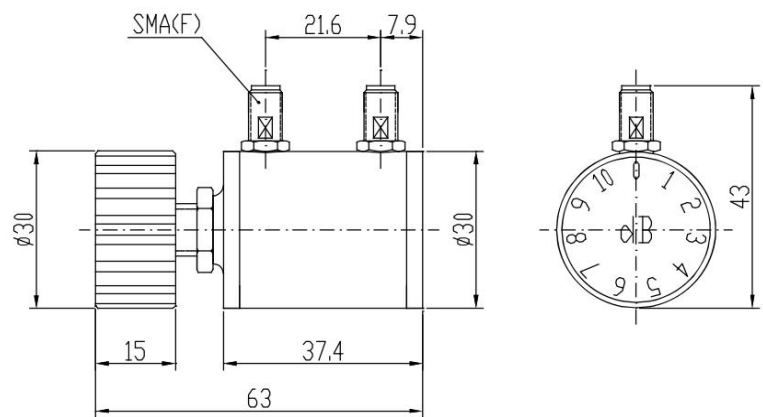
**Mechanical Specifications**

Connector	SMA or N
Connector Material	Brass Nickel Plated
Female Pin	Beryllium Copper, Gold Plated
Housing	Aluminum, Brass Nickel Plated
Temperature Range	-20°C ~ +85°C
Weight	250g
Size	63×Ø30mm exclusive of connectors
RoHS Status	RoHS Compliant

**Ordering Information**

<b>XW</b>	<b>SA</b>	<b>6330</b>	<b>-</b>	<b>2.5</b>	<b>-</b>	<b>90</b>	<b>-</b>	<b>Y</b>
Average Power ▷ options: 2W, 10W								
Step Attenuator								
Attenuator Dimensions(mm)								
Max Frequency(GHz)								
Max Attenuation Value(dB)								
RF Connector								
S: SMA female to SMA female								
N: N female to N female								

**Outline Drawings[mm]**



\* XWSA6330-2.5-90-Y becomes:  
 10WSA6330-2.5-90-N, when frequency range DC~2.5GHz, 0~90dB attenuation range in 10dB steps, average power 10W, N connectors, are desired.  
 \* XWSA6330-2.5-90-Y becomes:  
 2WSA6330-2.5-90-S, when frequency range DC~2.5GHz, 0~90dB attenuation range in 10dB steps, average power 2W, SMA connectors, are desired.