

FEATURES

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

APPLICATIONS

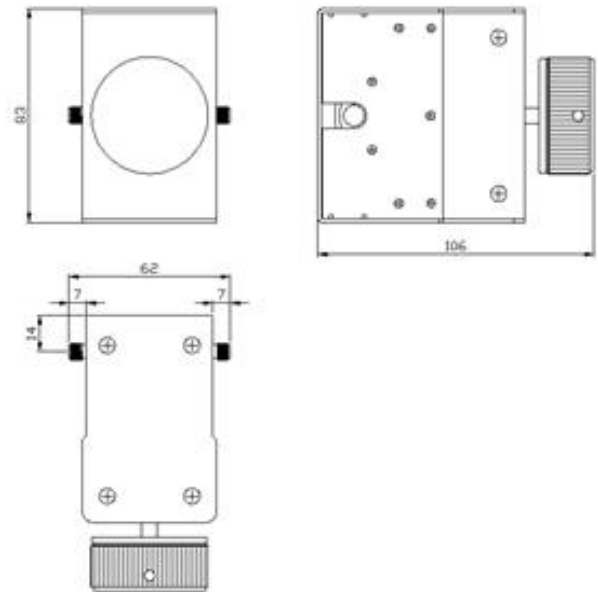
- Wireless Communication
- Laboratory Test



Electrical Specifications

Frequency Range	DC~18GHz
Attenuation Range/Steps	0~70dB in 10dB steps
Attenuation Accuracy	±1.5dB
VSWR	1.6 max.
Insertion Loss	1.0 max.
Impedance	50 Ohms
Average Power	2W, 10W, 25W
Peak Power	200 Watts (5μs pulse width, 1% duty cycle)

Outline Drawings[mm]



Mechanical Specifications

Connector	SMA Female
Connector Material	Brass Nickel Plated
Female Pin	Beryllium Copper, Gold Plated
Housing	Aluminum, Anodic Oxidation
Temperature Range	0°C ~ +54°C
Weight	520g
Size	62×106×83mm
RoHS Status	RoHS Compliant

Ordering Information

XW	SA	62106	-	18	-	70	-	S
<p>RF Connector S: SMA female to SMA female</p> <p>Max Attenuation Value(dB)</p> <p>Max Frequency(GHz)</p> <p>Attenuator Dimensions(mm)</p> <p>Step Attenuator</p> <p>Average Power ▶ options: 2W, 10W, 25W</p>								

- ▶ **XW SA62106-18-70-S** becomes:
2W SA62106-18-70-S when frequency range DC~18GHz, 0~70dB attenuation in 10dB steps, average power 2W, SMA connectors, are desired.
- ▶ **XW SA62106-18-70-S** becomes:
25W SA62106-18-70-S when frequency range DC~18GHz, 0~70dB attenuation in 10dB steps, average power 25W, SMA connectors, are desired.