

FEATURES

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

APPLICATIONS

- ❑ Wireless Communication
- ❑ Laboratory Test



Electrical Specifications

Frequency Range	0.1~12.4GHz
Attenuation Range/Steps	0~99dB in 1dB steps
Attenuation Accuracy	±0.8dB (0~9dB) ±1.0dB (10~19dB) ±1.5dB (20~49dB) ±2.0dB (50~69dB) ±2.5dB (70~99dB)
VSWR	1.6 max.
Insertion Loss	1.25 max.
Impedance	50 Ohms
Average Power	2W or 5W
Peak Power	200 Watts (5μs pulse width, 0.5% duty cycle)

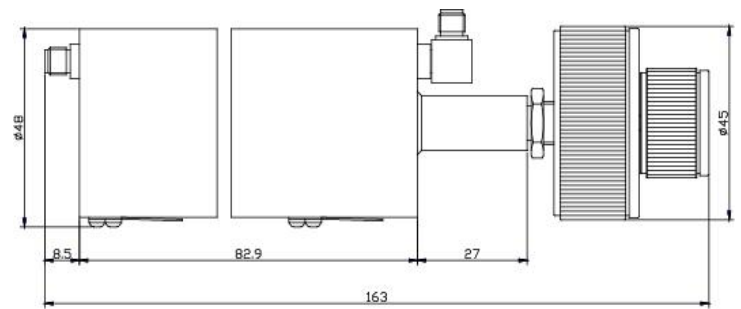
Mechanical Specifications

Connector	SMA female to SMA female
Connector Material	Stainless Steel
Female Pin	Beryllium Copper, Gold Plated
Housing	Aluminum
Temperature Range	0°C ~ +54°C
Weight	480g
Size	163×Ø48mm
RoHS Status	RoHS Compliant

Ordering Information

XW	SA	16348	-	12.4	-	99	-	S
								RF Connector
								S: SMA female to SMA female
						Max Attenuation Value(dB)		
				Max Frequency(GHz)				
Attenuator Dimensions(mm)								
Step Attenuator								
Average Power ▷ options: 2W, 5W								

Outline Drawings[mm]



* XWSA16348-12.4-99-S becomes: **2WSA16348-12.4-99-S** when average power 2W is desired.
 * XWSA16348-12.4-99-S becomes: **5WSA16348-12.4-99-S** when average power 5W is desired.