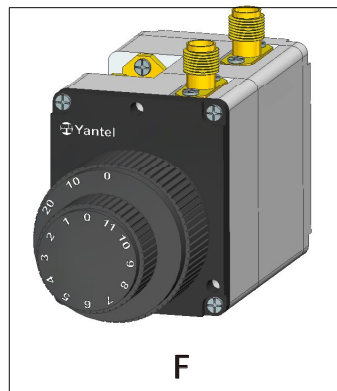


Variable Attenuator VAB Series

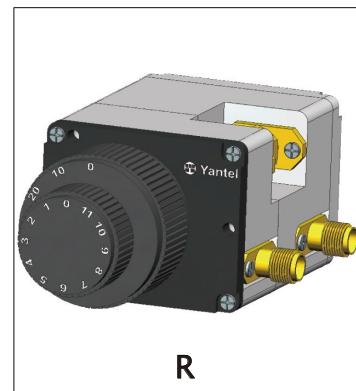
- ◆ DC to 2.7GHz
- ◆ 0 to 31 dB in 1 dB Step
- ◆ 2 Watt or 5 Watt available

Features

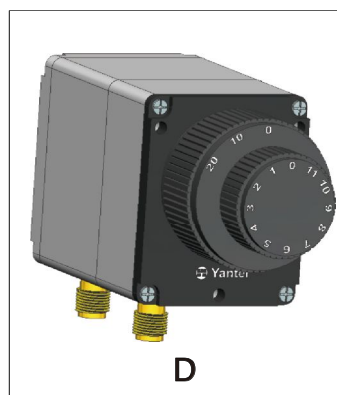
- Ultra small size with innovative microstrip technology
- Available step value: 0~31dB.
- High accuracy
- High performance low cost
- Impedance: 50 or 75 ohm
- Operation repeatability: 10000 times each switch
- POM material in rotary switch, operating up to 85°C
- Smart size



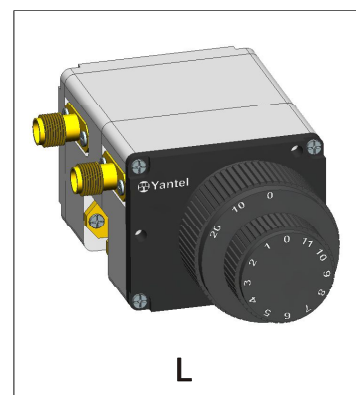
F



R



D



L

Characteristic

For example the testing curves of VAB3101SF** of 0 dB



Specifications

Frequency Range	DC to 2.7GHz
Attenuation	0 to 31dB
Step Value	1 dB
Insertion loss at 0dB	0.6dB at 2.7GHz

Attenuation Accuracy (Typical)

Attenuation (dB)	Freq. Range (GHz)	Attenuation Accuracy (dB)
0 to 21	DC to 2.7	-0.6 to +1.0
21 to 31	DC to 2.7	-1.0 to +1.2

Nominal Impedance	50 Ohm
Average Power	2 Watt, 5 Watt
Operating Temperature	-40°C to +85°C

Attenuation 0~31dB

Freq. Range (GHz)	VSWR(:1)	
	Typ.	Max.
DC to 2.7	1.20	1.40

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Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

Model No. Description

VAB3101SF**

Connector Options:

Options	IO
1	Female/Female
2	Male/Female
3	Male/Male

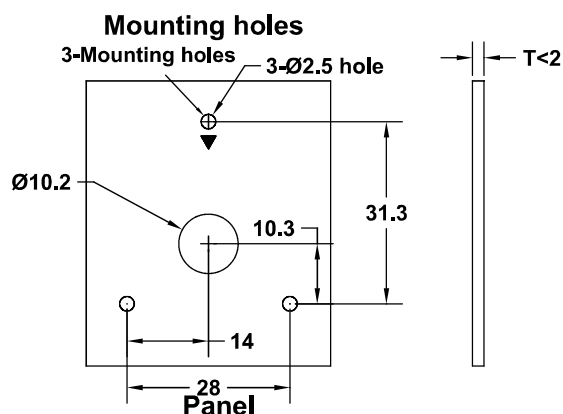
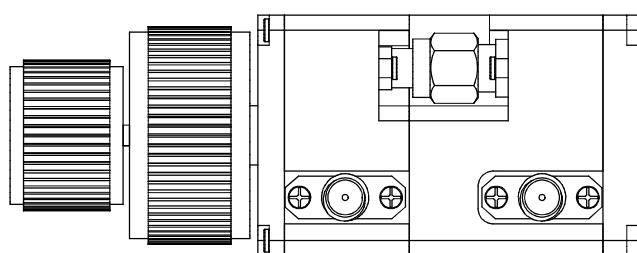
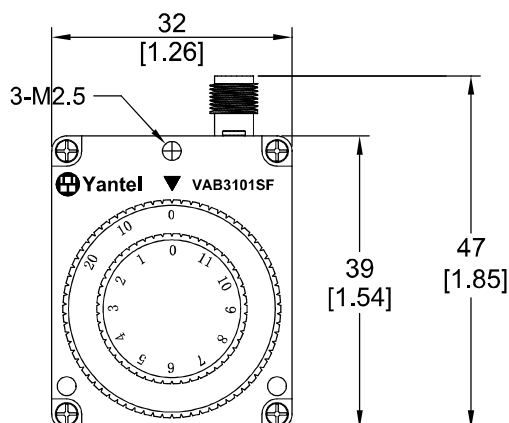
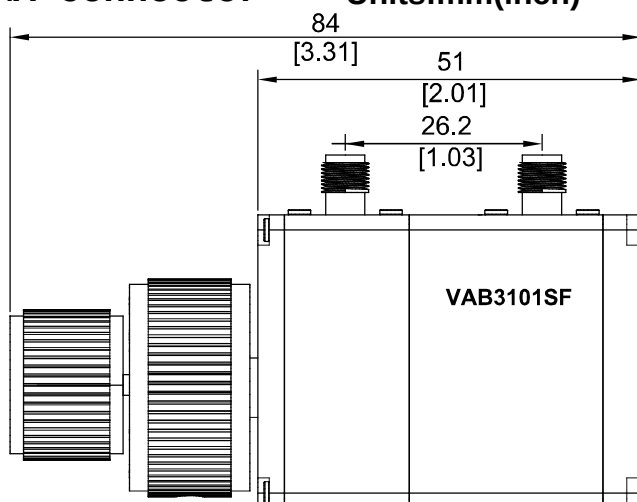
Max. Power: 2 and 5 are available, currently 2W and 5W are available

Connector position: "F" represents connectors on upside,
"L" represents connectors on left side,
"R" represents connectors on right side,
"D" represents connectors on underside,

Package Outlines

SMA Connector

Units:mm(inch)



NOTE:

1. ALL dimensions shown in mm(tolerance: +/-0.05mm) unless stated otherwise
2. RoHS Compliant in accordance with EU Directive(2002/95/EC)

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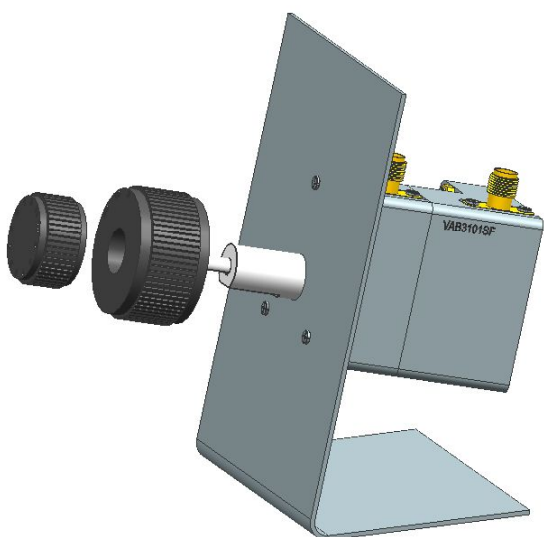
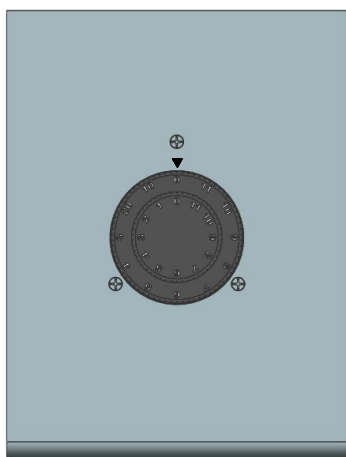
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Application case:

Repeater: In deploying the indoor repeater system, Rotary Variable Attenuator is ideal to control the signal and keep each repeater in its specific coverage range.

This VAB series can be rack mountable, easier to operate from the rack outside.

Application



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