

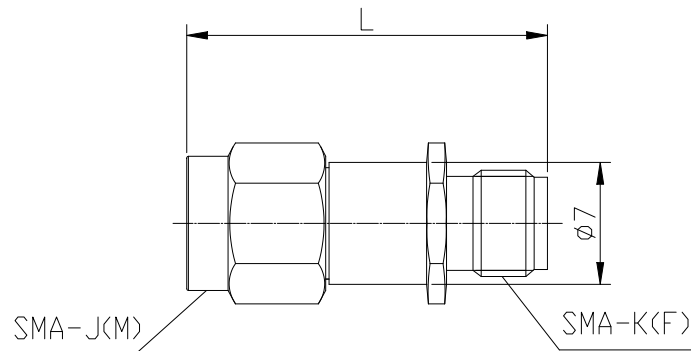
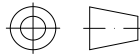


## Coaxial Attenuator

### Features and Electrical specifications:

Model	ATXXRA02B-SMA-18	
Frequency Range	DC~18.0GHz	
VSWR	1.30 Max	
Power	2 W	
Impedance	50 $\Omega$	
Attenuation	1-10dB	15, 20, 25, 30dB
Attenuation Tolerance	$\pm 0.5$ dB	$\pm 1.0$ dB
Connector	SMA-J(M)/SMA-K(F) stainless steel	
Dimension	$\Phi 7 \times L$ mm	
Operating Temperature	-55 ~ +125°C (See de Power De-rating)	
Weight	About 5 g	
ROHS Compliant	Yes	

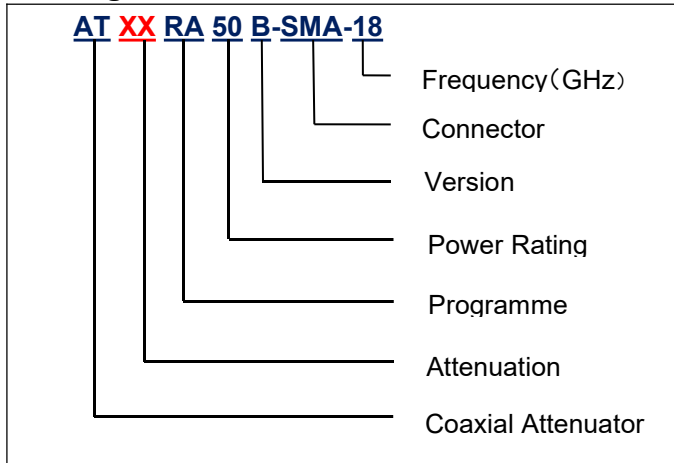
### Outline Drawing (Unit: mm/inch):



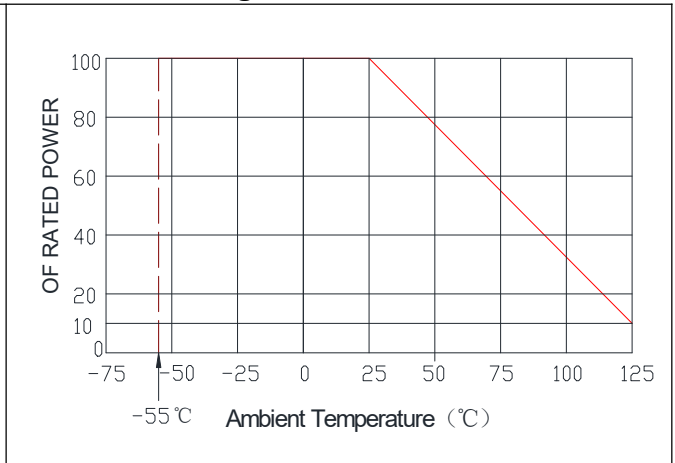
Attenuation	L
1-10dB	21.8mm
10,15,20,25,30dB,	25mm



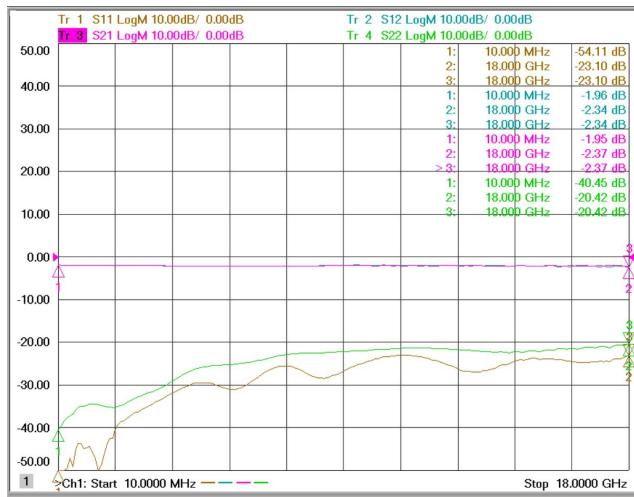
**Naming rules:**



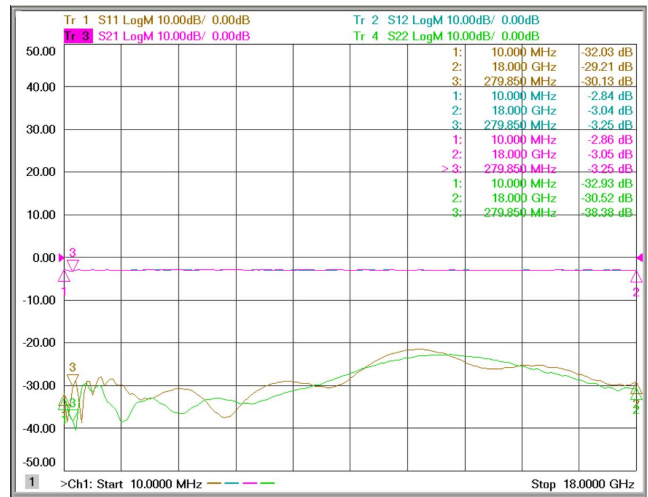
**Power De-rating:**



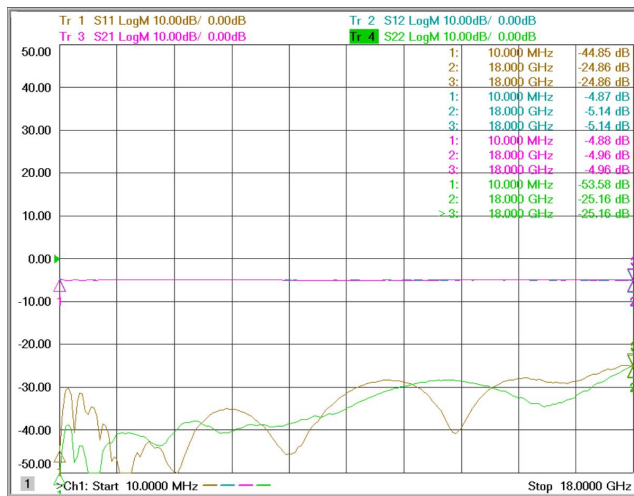
**Graph:  
2dB**



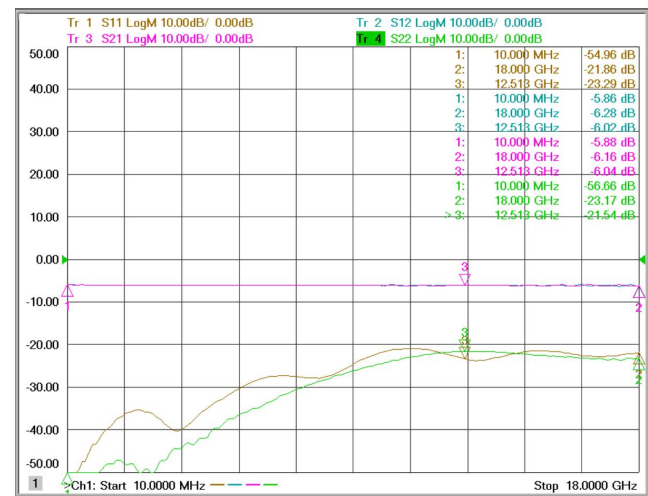
**3dB**



**5dB**

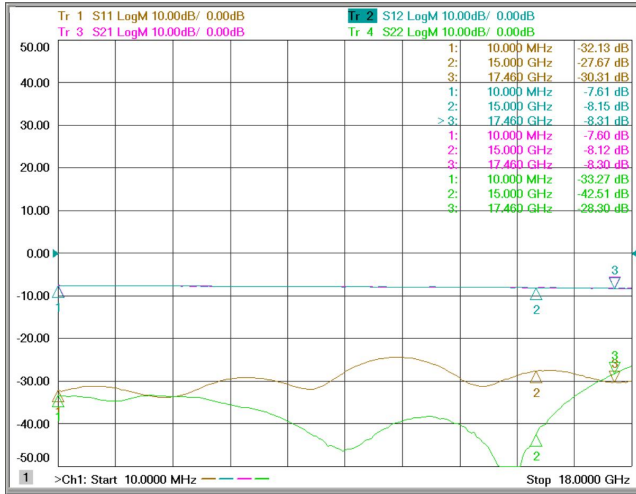


**6dB**

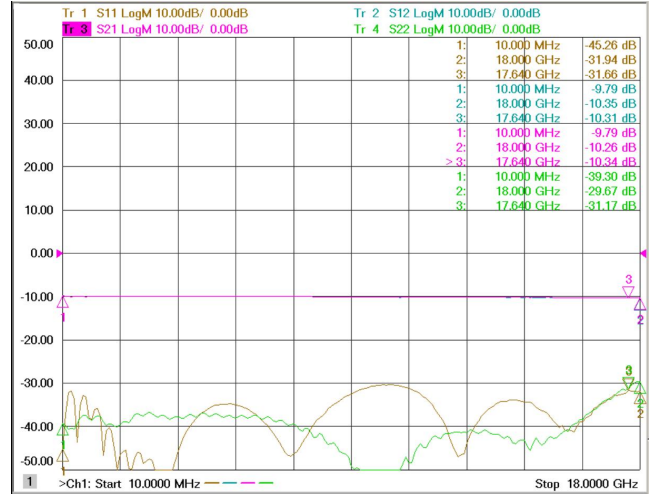




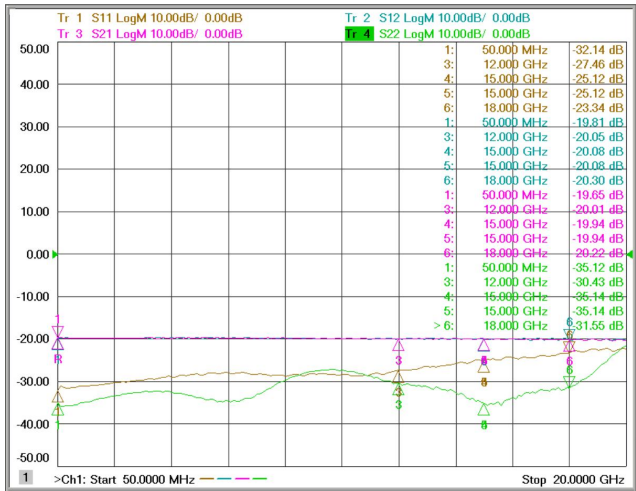
### 8dB



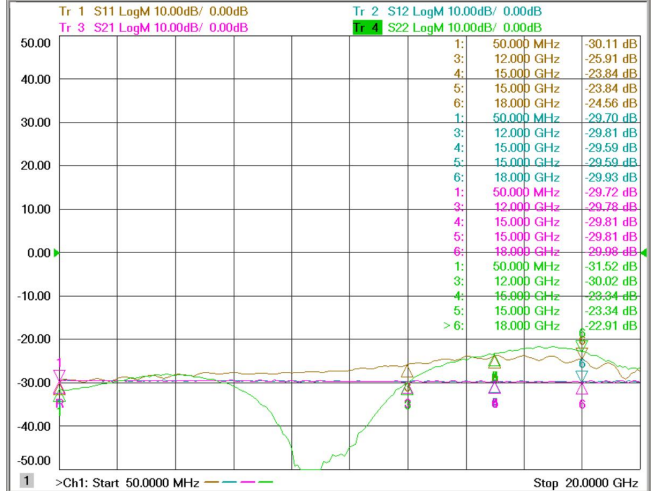
### 10dB



### 20dB



### 30dB



### Use attention:

- 1、Dimensions Tolerance  $\pm 3\%$ ;
- 2、If necessary, the product shall be air-cooled for auxiliary heat dissipation ;
- 3、Custom designs available of other special attenuators ;
- 4、Pay attention to the direction of the product during use and strictly prohibit reverse connection.