

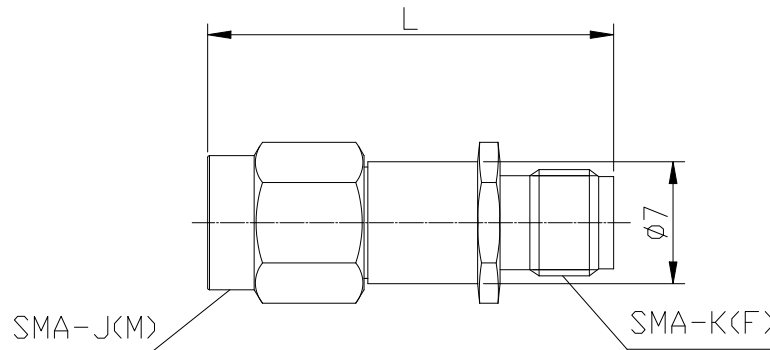
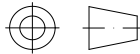


## Coaxial Fixed Attenuator

### Features and Electrical specifications:

Model	RFTXX-02RA070S-SMA-18 (1-10dB L=21.8) (XX=Attenuator Value) RFTXX-02RA071S-SMA-18 (15、20、25、30dB, L=25.0)	
Frequency Range	DC~18.0 GHz	
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	

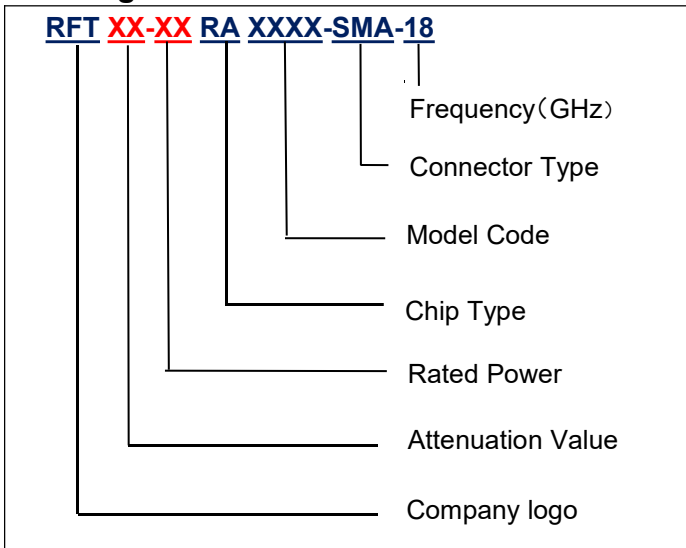
### Outline Drawing (Unit: mm/inch):



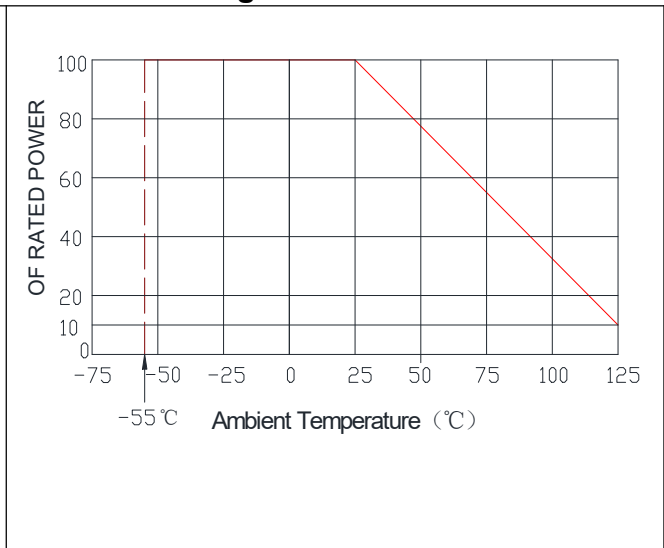
Attenuation	L
1-10dB	21.8mm
15,20,25,30dB,	25mm



**Naming rules:**

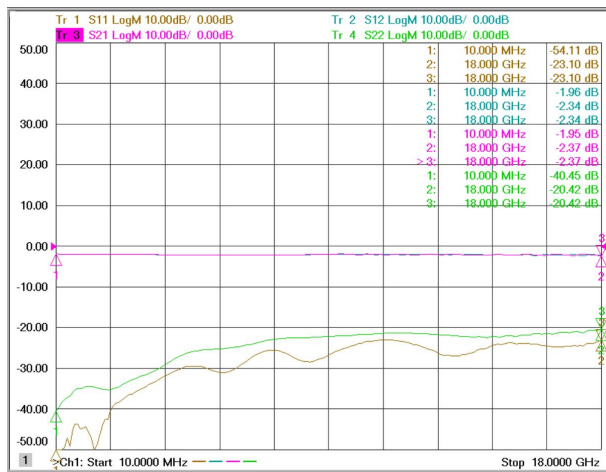


**Power De-rating:**

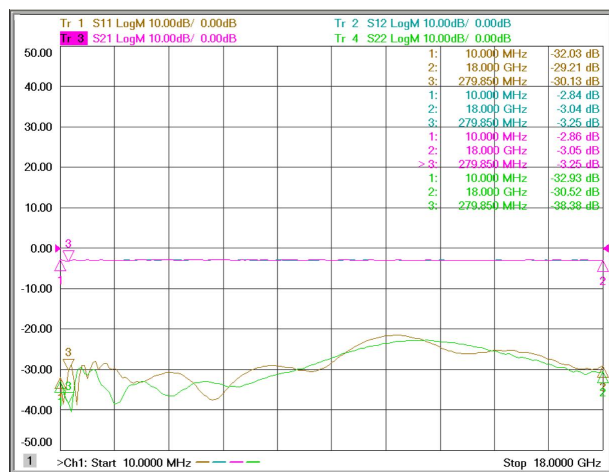


**Graph:**

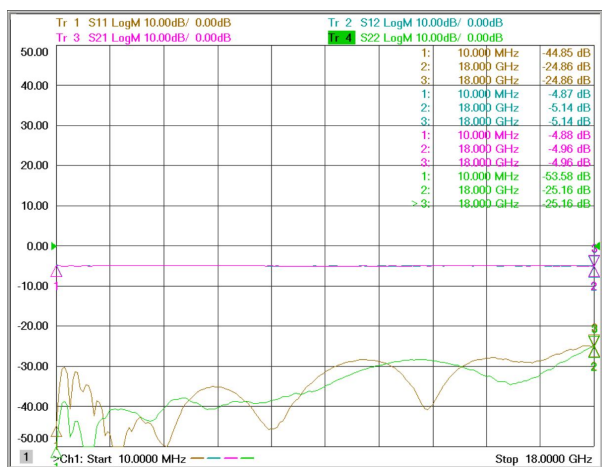
**2dB Graph**



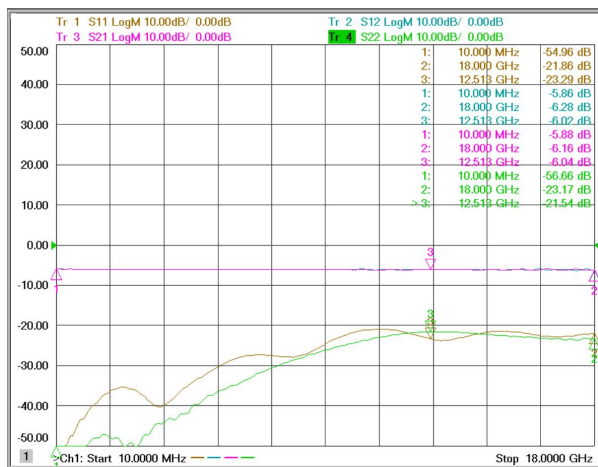
**3dB Graph**



**5dB Graph**

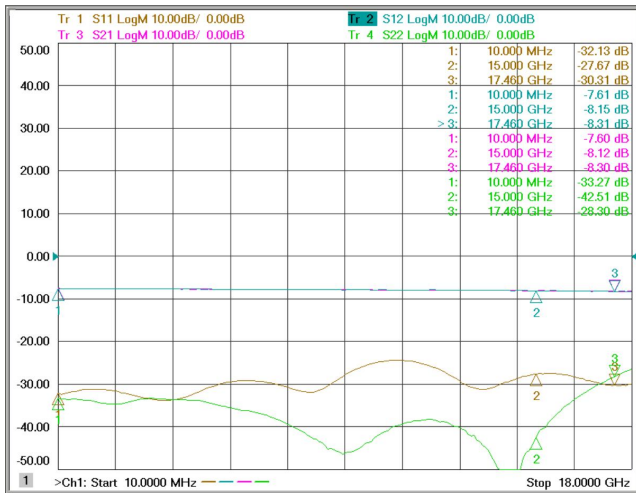


**6dB Graph**

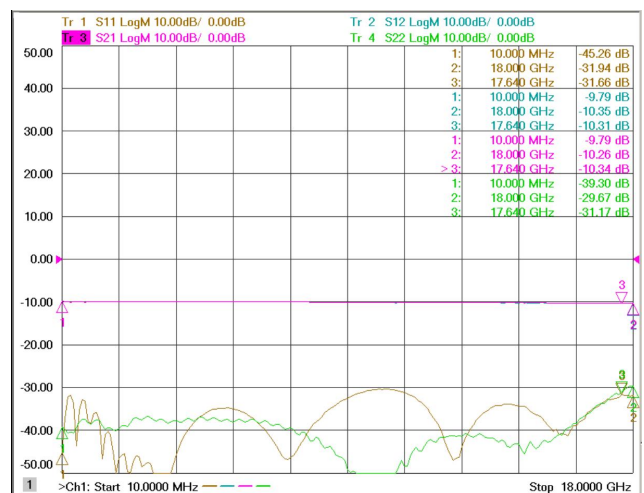




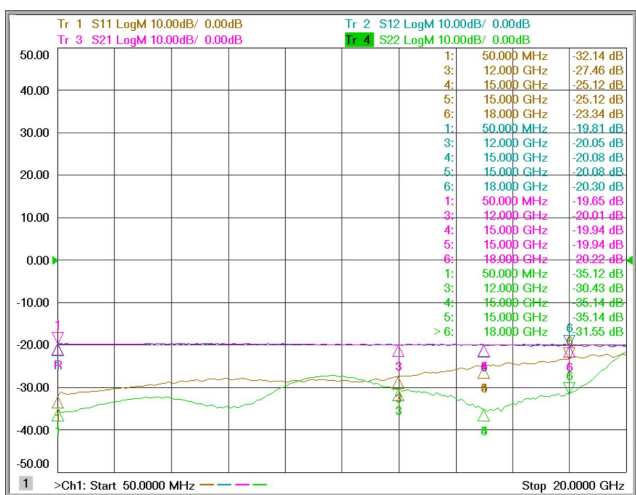
### 8dB Graph



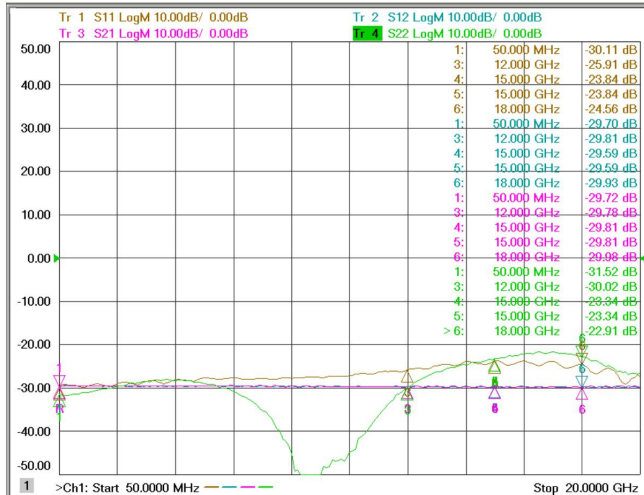
### 10dB Graph



### 20dB Graph



### 30dB Graph



### 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 coaxial fixed attenuator ;
- 4、Pay attention to the direction of the product during use and strictly prohibit reverse connection.