

**TM2530     50Ω   25W   DC~30GHz**  
**SMA High Performance 50Ohm Stainless Steel Terminator**



Ver    A/0    Release Date March, 2018

P/N:TM2530

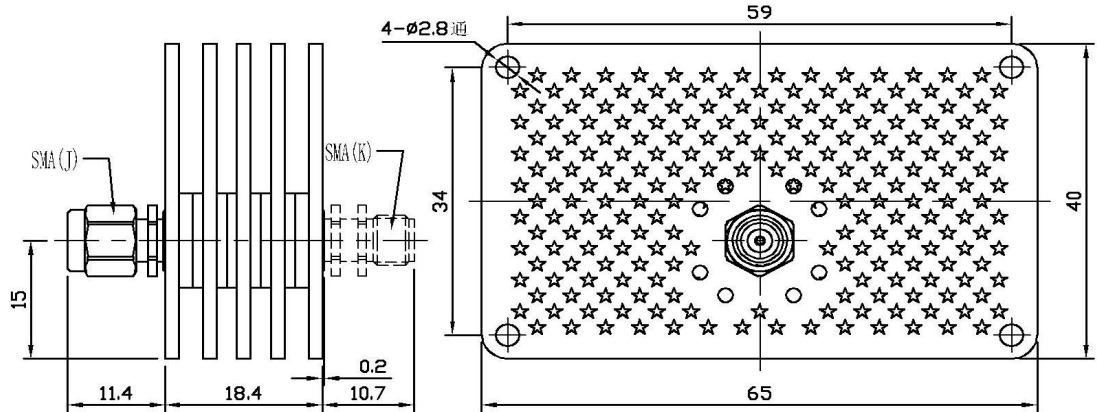
**Features**

- DC~30GHz Frequency Range
- Max Power 25W
- VSWR    < 1.20

- Miniature Size
- SMA Interfaces

**Applications**

- Wireless
- Radar System
- Commercial and Military
- Test and Measurement
- Communication
- Satcom



**Mechanical & Environmental Specifications**

Outer Conductor Coupling Nut	Passivated Stainless Steel	Temp. Range	Storage	-55℃~125℃
Body	Black Anodized Aluminum Heatsink		Working Temp.	-55℃~100℃
Inner Conductor Male	Beryllium Copper Gold plated( $\geq 1.27\mu\text{m}$ )	Altitude	Storage	< 15300 Meters
Female	Beryllium Copper Gold plated( $\geq 1.27\mu\text{m}$ )		Working Temp.	< 4800 Meters
Weight	55 g			

**Electrical Specifications**

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM2530	DC~30GHz	< 1.20	-24.7

Average power:Max power 25W corresponding ambient temperature is 25℃,Power derates linearly to 2.5W when temperature is up to 100℃.Peak power: Max power 300W (Maximum 5  $\mu\text{s}$  pulse, maximum 8% duty cycle)

**Remark:**a.dimension mm, tol.  $\pm 1\%$ . b.100% test. c.Customized according to customer requestments