

**TM0265 50Ω 2W DC~69GHz**  
**1.85mm High Performance 50Ohm Stainless Steel Terminator**



Ver A/0 Release Date March, 2018

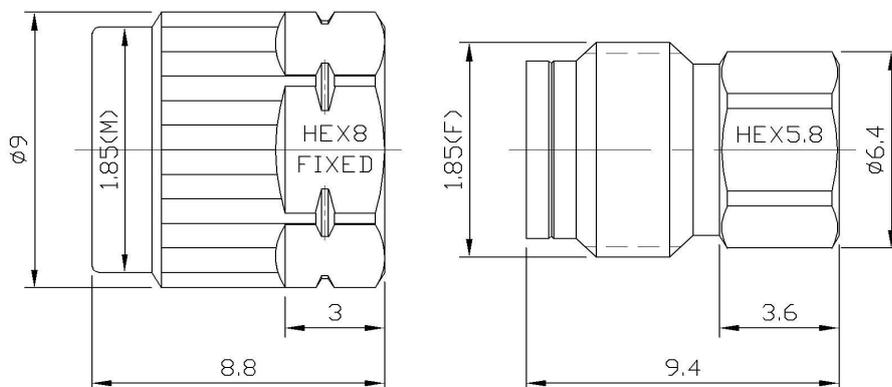
P/N:TM0265

**Features**

- DC~69GHz Frequency Range
- Max Power 2W
- VSWR < 1.45 < 1.30 < 1.20 < 1.14  
C-Class B-Class A-Class S-Class

**Applications**

- Miniature Size
- 1.85mm Interfaces
- Wireless
- Radar System
- Commercial and Military
- Test and Measurement
- Communication
- Satcom



**Mechanical & Environmental Specifications**

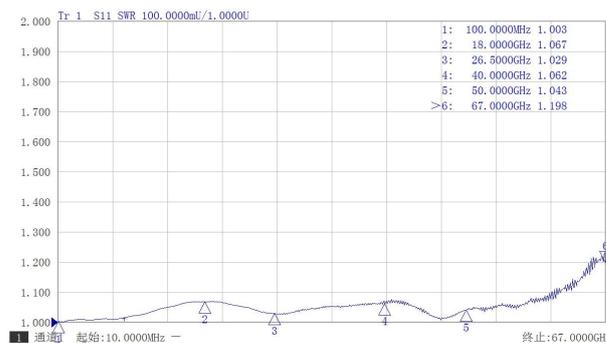
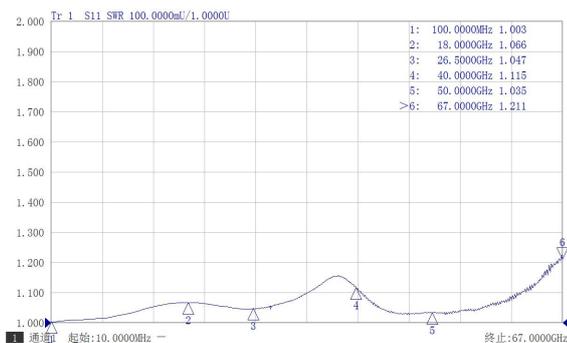
Outer Conductor Coupling Nut	Passivated Stainless Steel	Temp. Range	Storage	-55°C~125°C
Body	Passivated Stainless Steel		Working Temp.	-55°C~100°C
Inner Conductor Male	Beryllium Copper Gold plated (≥ 1.27μ m)	Altitude	Storage	< 15300 Meters
Female	Beryllium Copper Gold plated (≥ 1.27μ m)		Working Temp.	< 4800 Meters
Weight	3 g			

**Electrical Specifications**

Model	Frequency Range(GHz)	VSWR(:1)	Return Loss(dB)
TM0265-C	DC~67GHz	< 1.45	-14.7
TM0265-B	DC~67GHz	< 1.30	-17.7
TM0265-A	DC~67GHz	< 1.20	-20.8
TM0265-S	DC~67GHz	< 1.14	-23.7

C,B,A,S are performance level. Max frequency is 69.5GHz. Average power: Max power 2W corresponding ambient temp. is 25°C, Power derates linearly to 0.2W when temperature is up to 100°C. Peak power: Max power 50W (Maximum 5 μ s pulse, maximum 2% duty cycle)

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



Shenzhen RFComs Technology Co.,LTD

Tell: +86 13480725660

Website: www.rfcoms.com

Email: luke@rfcoms.com

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