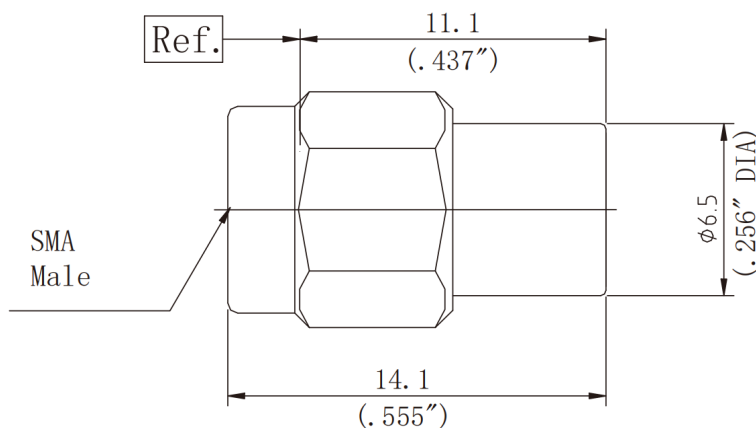




SMA Male Coaxial Termination, RT181SM DC-18GHz, 1W, Round

Dimensions(mm) Tolerance $\pm 1\%$



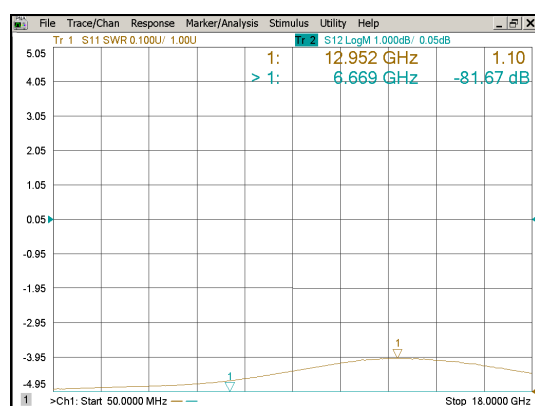
Electrical & Environmental

Frequency Range	DC-18GHz	Impedance	50 ohm	VSWR	1.15 max
Input Avg Power	1W @25°C	Peak Power	100W (5μsec pulse width, 0.5% duty cycle)		

Mechanical & Product Information

Product Number	RT181SM, P-Grade	Connector	SMA Male
Connector Body	Passivated stainless steel	Heat Sink	N/A
Center Contact	Gold plated beryllium copper		
Operating Temp	-55°C~+100°C	Net Weight	-

Typical Test Data



1. Customized connectors, dimensions, PIM, VSWR.
2. Refer to the RFTOP Termination selection and usage guide.

Notes: To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 60°C. Reference Curve, derate linearly to 0.1W at 100°C.

