



**ELECTRICAL SPECIFICATIONS**

1. Impedance	50 Ω
2. Frequency range	DC~18GHz
3. VSWR	≤1.25
4. Dielectric withstanding voltage	1000V
5. Insulation resistance	5000MΩ
6. Contact resistance	
Center conductor	≤3mΩ
Outer conductor	≤2mΩ
7. Operating Temperature	-55° C~+105° C
8. Durability	500 Cycles

**MATERIAL SPECIFICATIONS**

- Center conductor: Gold plated 0.2μm (Nickel underplated) over beryllium copper
- Outer conductor: Passivation Stainless steel 303F.
- Insulators: PTFE.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN mm TOLERANCES: GENERAL: X           ±0.15 X.X       ±0.10 X.XX      ±0.05 ANGLES:     ±2° VIEW PROJECTION	<b>CONNECTOR DATASHEET</b>		Raynool Technology Co., Ltd			
	DRAWN		SMA STARIGHT FLANGE JACK			
	CHECK		SMA-KFD			
	APPROVAL		DWG NO. RN-SMA-R125464270	SIZE A4		
	NAME	DATE	SHEET/OF 1/1	SCALE 4:1	WEIGHT	REV V1.0