



ELECTRICAL SPECIFICATIONS

1. Impedance	50 Ω
2. Frequency range	DC~18GHz
3. VSWR	≤1.15
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	CONNECTOR DATASHEET		Raynool Technology Co., Ltd SMA STARIGHT FLANGE JACK SMA-KFD1			
	CHECK					
	APPROVAL			DWG NO. RN-25413000	SIZE A4	
	NAME	DATE	SHEET/OF 1/1	SCALE 4:1	WEIGHT	REV V1.0