



ELECTRICAL SPECIFICATIONS

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|------------------------------------|----------------|
| 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: Gold plated 0.2μm (Nickel underplated) over brass
- 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		
	DRAWN			SMA STARIGHT RECEPTACLE FOR PCB JACK		
	CHECK			SMA-KHD		
	APPROVAL			DWG NO. RN-142-0701-851		SIZE A4
	NAME	DATE	SHEET/OF 1/1	SCALE 4:1	WEIGHT	REV V1.0