



SMA Female End Launch 1.6T(SRFS-SMAFE 01.6)

Electrical & Mechanical Specifications

Characteristics Impedance	50 ohm
Frequency Range	DC-12.4GHz
Insertion Loss	≤ 0.15dB/6 GHz
VSWR	≤1.10 @DC-3GHz; ≤1.25 @DC-6GHz;
Dielectric Withstanding Voltage	≥2500V RMS,50Hz,at sea level
Working Voltage	1000Vrms,50 Hz at sea level
Contact Resistance	Center Contact ≤ 3.0 mΩ Outer Contact ≤ 2.5 mΩ
Dielectric Resistance	≥5000MΩ
RF Leakage	-60dB Min, 2~3 GHz
Coupling Nut Torque	12 Ncm-170 Ncm
Durability	Mating cycles ≥500

Material & Plating

	Material	Plating
Body	Brass	Au
Insulator	PTFE	-
Center conductor	Phosphor bronze	Au

Environmental Data

Temperature Range	-45°C~+85°C
RoHSCompliant	Yes