



N FEMALE TO SMA MALE ADAPTOR Part No. SRFS-NSMAFM/018

Electrical & Mechanical Specifications

Characteristics Impedance	50 ohm
Frequency Range	DC-18GHz
VSWR	1.20:1
Working Voltage	335V max
Insertion Loss	≤ 0.2 dB
RF leakage	≤ 70dB @ 18 GHz
Coupling Torque	1.69 N max
Dielectric Withstanding Voltage	≤ 1000V RMS,50Hz,at sea level
RF High Potential Withstanding Voltage	≤ 500V RMS @ 5 MHz
Insulation Resistance	≥5000M OHM
Contact Resistance	Center Contact ≤ 3mΩ Outer Contact ≤ 2 mΩ
Dielectric Resistance	≥5000MΩ
Durability	Mating cycles ≥500

Material & Plating

	Material	Plating
Body	Stainless Steel	Passivated
Insulator	PEI	—
Center Conductor	Beryllium copper	Gold Plated
Outer Conductor	Stainless Steel	Passivated

Environmental

Temperature Range	- 55°C ~ +85 °C
Interface Standard	MIL- STD – 348A
RoHS	Compliant Yes