



SMB MALE R/A PCB CONNECTOR

Electrical & Mechanical Specifications

Characteristics Impedance	50 ohm
Frequency Range	DC-4GHz
VSWR	1.30:1 Max
Insertion Loss	$\leq 0.08\text{dB}@2200\text{MHz}$
Intermodulation 3rd	$\leq -157\text{dBc}@2 \times 20\text{W}$
Dielectric Withstanding Voltage	$\geq 2500\text{V RMS}, 50\text{Hz}, \text{at sea level}$
Working Voltage	1000Vrms, 50 Hz at sea level
Dielectric Resistance	$\geq 5000\text{M}\Omega$
Contact Resistance	Center Contact $\leq 0.006\text{ m}\Omega$ Outer Contact $\leq 0.002\text{ m}\Omega$
Durability	Mating cycles ≥ 500

Material & Plating

	Material	Plating
Connector	Brass	Au
Body	Brass	Au
Center Conductor	Brass	Au

Environmental

Temperature Range	$-65^{\circ}\text{C} \sim +85^{\circ}\text{C}$
RoHS	Compliant Yes