

## SMA MALE TO N FEMALE ADAPTOR



Electrical & Mechanical Specifications		
Characteristics Impedance	50 ohm	
Frequency Range	DC-12.4GHz (0 – 18 GHz)	
VSWR	Straight Soft cable $\leq 1.10+0.002f$ Semi-steel cable $\leq 1.05+0.001f$ Right angle Soft cable $\leq 1.20+0.003f$ Semi-steel cable $\leq 1.10+0.001f$	
Working Voltage	335V max	
Insertion Loss	$\leq 0.15$ dB/6 GHz	
Withstanding Voltage	1000V RMS, 50Hz at sea level	
Insulation Resistance	$\geq 5000M$ OHM	
Contact Resistance	Center Contact $\leq 3m\Omega$ Outer Contact $\leq 2 m\Omega$	
Dielectric Resistance	$\geq 5000M\Omega$	
Durability	Mating cycles $\geq 500$	
Material & Plating		
	Material	Plating
Body	Brass	Nickel Plated/ Alloy plated
Insulator	PTFE	-
Inner Pin	Brass	Gold Plated
Socket Contact	Beryllium or tin Bronze	Gold Plated
Crimp Ferrule	Copper Alloy	Nickel / Gold Plated
Environmental		
Temperature Range	-65~+165°C (PE Cable -40~+85°C)	
Vibration	MTL-STD-202, Method 213	
RoHS Compliant	Yes	