

COAXIAL CONNECTOR & ADAPTER

::: SMB :::



SMB Straight Male Crimp (Type A)
LTCN-501AM-XX



SMB Straight Male Crimp (Type B)
LTCN-501BM-XX



SMB Female PCB Mount
LTCN-534F



SMB Right Angle Male Crimp
LTCN-513M-XX

Electrical	
Impedance	50 Ohm
Frequency Range	0 to 4.0 GHz
VSWR	178U -> 1.30 + 0.04 f max Ghz (Straight)
	1.45 + 0.06 f Max GHz (Right Angle)
	316U -> 1.25 + 0.04 f max Ghz (Straight)
	1.35 + 0.04 f Max GHz (Right Angle)
Working Voltage	250 volts rms max at sea level
Dielectrical Withstanding Voltage	750 volts rms at sea level
Contact Resistance	Centre Contact = 6.0 Milliohms Max
	Outer Contact = 1.0 Milliohms Max
Insertion Loss	0.3dB Max @ 1.5 GHz (Straight)
	0.6dB Max @ 1.5 GHz (Right Angle)
Insulation Resistance	1000 Megaohms Min

Mechanical & Environment	
Mating	Snap-On Coupling
Durability	500 Matings
Cable Retention	RG-174, 188, 316-> 20 lbs min
	RG-178, 196 ->6 lbs Min
Temperature Range	-65°C to 165°C
Vibration	MIL-STD-202 Method 204 Test Cond.D
Salt Spray	MIL-STD-202 Method 101 Test Cond.B
Thermal Shock	MIL-STD-202 Method 107 Test Cond.B

Material		
	Material	Plating
Connector Body	Brass	Nickel or Gold
Center Contact	Male : Brass	30 μ" gold over 100 μ" nickel
	Female : Beryllium Copper	30 μ" gold over 100 μ" nickel
Insulation	Teflon	None
Crimp Ferrule	Annealed Copper	Same As Body