



SMZ FEMALE CRIMP CONNECTOR FOR BT-3002 CABLE

Electrical & Mechanical Specifications

Characteristics Impedance	75 ohm
Frequency Range	DC-3 GHz
VSWR	$\leq 1.30 @ DC-3000MHz$
Insertion Loss	$\leq 0.10dB @ 2200MHz$
Intermodulation 3rd	$\leq -157dBc @ 2 \times 20W$
Dielectric Withstanding Voltage	1500 Vrms, 50Hz, at sea level
Working Voltage	200V RMS, 50Hz, at sea level
Dielectric Resistance	$\geq 5000M\Omega$
Contact Resistance	Center Contact $\leq 5m\Omega$ Outer Contact $\leq 1.0m\Omega$
Durability	Mating cycles ≥ 250

Material & Plating

	Material	Plating
Body	Brass	Ni
Insulator	PTFE	—
Center conductor	Beryllium Bronze	Au
Spring Contact	Phosphor Bronze	Au
Coupling Nut	Brass	Ni
Ferrule	Annealed Copper	Ni

Environmental

Temperature Range	$-40^{\circ}C \sim +100^{\circ}C$
RoHS	Compliant Yes