

SPECIFICATION

1. **Product:** N-Type Female Connector 7/8 Cable
2. **Model:** SP-CN-NF-CF78
3. **Data Sheet**

Electrical		
Data	Specification	Remark
Frequency	DC-11GHz	
Insertion Loss	$\leq 0.12\text{dB}$	
VSWR	$\leq 1.15@DC-3000\text{MHz}$	
Characteristic Impedance	50ohm	
Center contact resistance	$\leq 1.0\text{m}\Omega$	
Outer contact resistance	$\leq 0.25\text{m}\Omega$	
Test voltage (at sea level)	2500 V rms	
Working voltage (at sea level)	1000 V rms	
Intermodulation 3rd order	$\leq -150\text{ dBc}$ (2 x 43 dBm)	
Material and Plating		
Parts Name	Material	Plating
Body	Brass	CuSnZn
Durability	Mating cycles ≥ 500	
Insulator	PTFE	-
Center Conductor	Bronze/QBe2	Ag
Coupling Nut	Brass	CuSnZn
Gasket	Silicone Rubber	-
Environmental		
Operating Temperature	-40°C to 85 °C	
Weatherproof Rate	IP67	
Thermal shock	IEC 60068-2-14 Test Na	
Corrosion resistance	IEC 60068-2-11 Test Ka	
Vibration	IEC 60068-2-6 Test Fc	
Shock	IEC 60068-2-27 Test Ea	
Moisture resistance	IEC 60068-2-3 Test Ca	

4. Outline Drawing

