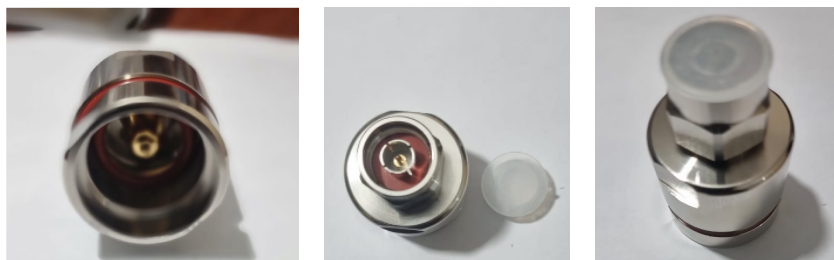


N 7/8" N/P JC36501778



For use with 7/8" 50 Ohm Corrugated Coaxial Feeder Cables

Description	JC36501778
General Specifications	
Interface	N Male
Body Style	Straight
Cable Size	7/8" (50 Ohm feeder cable)
Electrical Specifications	
Impedance, Ohms	50
Operating Frequency Band	DC to 6 GHz
Dielectric Withstand Voltage	2.5 kV RMS
Insulation Resistance	≥ 5000 MΩ
Contact Resistance (inner / outer)	≤ 1.0 mΩ / ≤ 0.25 mΩ
3rd Order IMD	≤ -155 dBc
3rd Order IMD, Test Method	2 x 20 Watt carriers (2 x 43 dBm)
Average Power	0.6 kW @ 900 MHz
Peak Power, maximum	10 kW
Insertion Loss, typical	0.05 dB
Shielding Effectiveness	≤ -120 dB
Return Loss (VSWR)	
DC to 1 GHz	36 dB (1.03)
1 GHz to 2.7 GHz	33 dB (1.05)
2.7 GHz to 3.7 GHz	28 dB (1.08)
3.7 GHz to 6 GHz	23 dB (1.15)
Mechanical Specifications	
Body Material / Plating	Brass / Tri-metal (CuZnSn)
Outer Contact Plating	Tri-metal
Inner Contact Plating	Silver
Insulator / Gasket	PTFE / Silicone rubber
Interface Durability	500 cycles
Interface Durability Test Method	IEC 61169-16
Minimum Connector Pull-off Force	300 lbs
Coupling Nut Torque	5 N·m
Environmental Specifications	
Operating Temperature, °F (°C)	-40° to 185° (-40° to 85°)
Storage Temperature, °F (°C)	-67° to 185° (-55° to 85°)
Installation Temperature, °F (°C)	23° to 122° (-5° to 50°)
Waterproof Rating	IP68
RoHS	Compliant