

N F 4H Panel Mount CLAMP for RG58/RG142/LMR195/LMR200 Cable
P/N: AT3N2C4-6D

Product Feature:

- Connector Type : N Type
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight (4Hole Flange Type)
- Termination Style : Clamp
- Cable : RG58/RG142/LMR195/LMR200 Cable
- Application : General Purpose/Military



The **N-Type Female 4-Hole Panel Mount Clamp Connector** is a versatile, heavy-duty RF interface designed for high-performance corrugated and braided cables like **LMR200, RG142, and R58 etc.** Featuring a standard square flange for secure bulkhead mounting, its crimp-style termination ensures rapid, repeatable assembly with high pull-strength. This connector is vital for **outdoor wireless infrastructure, cellular base stations, and high-power radio systems** where reliable environmental sealing and low signal attenuation are required.

Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 6	GHz
VSWR	≤ 1.15	@DC-3 GHz
	≤ 1.2	@3-5 GHz
Insertion Loss	≤ 0.05	@DC-5 GHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 2.5	kVrms
Inner Conductor Resistance	≤ 1.0	m Ω
Outer Conductor Resistance	≤ 0.25	m Ω
Power Handling	1.0	kW @1GHz
RF Leakage	≤ -90	dB @1GHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Phosphorous bronze	Silver
Outer Conductor/Body	Brass	Tri-Alloy
Coupling Nut	Brass	Tri-Alloy
Back Nut	Brass	Tri-Alloy
Washer	Brass	Tri-Alloy
Flange Size	standard	-
Dielectric	PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (matings)	≥ 500 min.	-
Coupling nut torque	25/30	Nm
Cable Type Compatibility	RG58/RG142/LMR195/LMR200 Cable	-
Operating Temperature	-40 ~ 85	°C
Ingress Protection (IP Rating)	IP67	-
Compliance	ROHS	-