

N F CLAMP for 3/8" Feeder Cable

P/N: AT3N2C-6M

Product Feature:

- Connector Type : N Type
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight
- Termination Style : Clamp
- Cable : 3/8" Feeder/LDF
- Application: General Purpose/Telecom etc.

The **N Female Clamp Connector for 3/8" Feeder Cable** is a high-grade RF solution engineered for reliable 50-ohm signal distribution. Utilizing a precision **clamp-style assembly**, it provides a high-strength mechanical connection to the cable's outer conductor, ensuring excellent shielding and low insertion loss without specialized soldering. This connector is frequently deployed in **indoor wireless systems, cell site jumpers, and GPS timing links**. Its compact, nickel-plated brass construction and internal gaskets offer a moisture-resistant, durable interface designed for demanding telecommunications infrastructure.



Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 6	GHz
VSWR	≤ 1.15	@DC-3 GHz
	≤ 1.20	@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
PIM	≤ -155	dBc@(2x43dBm)
RF Leakage	≤ -85	dB @3GHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Phosphor bronze	Silver
Outer Conductor/Body	Brass	Tri-Alloy
Back Nut	Brass	Nickel
Shield Clamp	Brass	Nickel
Dielectric	PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Coupling nut torque	25/30	Nm
Cable Type Compatibility	3/8" Feeder/LDF Cable	-
Operating Temperature	-40 ~ 85	°C
Ingress Protection (IP Rating)	IP67	-
Compliance	ROHS	-