

## N F 4H Panel Mount Solder for Semi-rigid .086/RG405 Cable

P/N: AT3N2S4-6B

### Product Feature:

- Connector Type : N Type
- Polarity : Standard
- Gender : Female/jack
- Geometry : Straight ( 4Hole Flange Type)
- Termination Style : Solder
- Cable : Semi Rigid .086 / RG405
- Application : General Purpose/Military

The **N-Type Female 4-Hole Panel Mount Connector** is a rugged, high-frequency RF interface designed for **.086" semi-rigid and RG405 cables**. This connector features a square flange with four mounting holes for secure attachment to enclosures. Its direct-solder attachment provides excellent electrical continuity and mechanical strength. This makes it a preferred choice for **high-speed signal processing, laboratory test sets, and military aerospace assemblies** requiring reliable broadband performance.



### Electrical Specifications

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



## Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Phosphorous bronze	Gold
Outer Conductor/Body	Brass	Tri-Alloy
Dielectric	PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (matings)	≥ 500 min.	-
Coupling nut torque	25/30	Nm
Cable Type Compatibility	Semi-rigid .086/RG405 Cable	-
Operating Temperature	-40 ~ 85	°C
Ingress Protection (IP Rating)	IP67	-
Compliance	ROHS	-