

**N F 4H Panel Mount CRIMP for RG58/RG142/LMR195/LMR200 Cable**  
P/N: AT3N2D4-6D

**Product Feature:**

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



The **N-Type Female 4-Hole Panel Mount Crimp Connector** is a versatile, heavy-duty RF interface designed for high-performance corrugated and braided cables like **LMR200, RG142, and RG58 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	$\Omega$
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

<b>Material &amp; Plating</b>		
<b>Component</b>	<b>Material</b>	<b>Plating</b>
Center Conductor	Phosphorous bronze	Gold
Outer Conductor/Body	Brass	Tri-Alloy
Coupling Nut	Brass	Tri-Alloy
Flange Size	standard	-
Dielectric	PTFE	-
Gasket	Silicone rubber	-

<b>Mechanical &amp; Environmental Specifications</b>		
<b>Parameter</b>	<b>Value</b>	<b>Unit</b>
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	-

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