

## TNC F 4H Panel Mount CRIMP for LMR100/RG174/RG316 Cable

P/N: AT3T2D4-6C

### Product Feature:

- Connector Type : TNC
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight (4Hole Flange Type)
- Termination Style : Crimp
- Cable : LMR100/RG174/RG316
- Application : General Purpose/Telecom etc

The **TNC Female 4-Hole Panel Mount Crimp Connector** for **LMR100, RG174, and RG316 Cables** is a robust bulkhead interface designed for thin, flexible cables. Its square flange mounting provides **exceptional mechanical stability** and prevents rotation, while the threaded coupling ensures a **vibration-proof, shielded connection**. The crimp termination offers a **high-strength, permanent bond** for miniature coax. It is essential for **aerospace instrumentation, compact telecommunications chassis, military handheld radios, and high-density RF matrices**, where secure, low-loss external ports are required for miniaturized systems.



### Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	$\Omega$
Frequency Range	DC ~ 6	GHz
VSWR	$\leq 1.15$	@DC-3 GHz
	$\leq 1.25$	@3-5 GHz
Insertion Loss	$\leq 0.2$	@DC-4 GHz
Insulation Resistance	$\geq 5000$	M $\Omega$
Dielectric Withstanding Voltage	$\geq 1.5$	kVrms (at sea level)
Inner Conductor Resistance	$\leq 1.5$	m $\Omega$
Outer Conductor Resistance	$\leq 0.2$	m $\Omega$
Power Handling	316	W @1GHz
RF Leakage	$\leq -55$	dB @1GHz



## Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Brass	Gold
Outer Conductor/Body	Brass	Nickel
Ferrule	Brass	Nickel
Dielectric	Teflon/PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Fastening Type	7/16-28	-
Contact Captivation	≥ 27	N
Cable Retention Force	≥ 135	N
Flange Size	Standard	-
Cable Type Compatibility	LMR100/RG174/RG316 Cable	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-