

## TNC F CLAMP for RG58/RG142/LMR195/LMR200 Cable

P/N: AT3T2C-6D

### Product Feature:

- Connector Type : TNC
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight
- Termination Style : Clamp
- Cable : RG58/RG142/LMR195/LMR200
- Application : General Purpose/Telecom etc

The **TNC Female Clamp Connector** for **RG58, RG142, LMR195, and LMR200 Cables** provides a high-reliability, field-serviceable solution for mid-sized coaxial cables. Its threaded coupling offers **superior vibration resistance** and mechanical stability compared to BNC interfaces. The clamp-style assembly enables secure termination using standard wrenches, **eliminating the need for specialized crimping tools** and allowing for easy on-site repairs. It is widely used in **RF laboratory testing, maritime communication, avionics, and amateur radio**, where durable, reusable, and **low-attenuation connectivity** is essential.



### 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
Back Nut	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	≥ 150	N
Cable Type Compatibility	RG58/RG142/LMR195/LMR200 Cable	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-