

## TNC M RA CLAMP for RG58/RG142/LMR195/LMR200 Cable

P/N: AT3T3C-6D

### Product Feature:

- Connector Type : TNC
- Polarity : Standard
- Gender : Male/Plug
- Geometry : Right Angle (90°)
- Termination Style : Clamp
- Cable : RG58/RG142/LMR195/LMR200
- Application : General Purpose/Telecom etc

The **TNC Male Right-Angle (RA) Clamp Connector** for **RG58, RG142, LMR195, and LMR200 Cables** offers a high-performance, space-saving solution for mid-sized coaxial cables. The 90° configuration enables clean routing in confined spaces, reducing cable strain and maintaining signal stability. Its clamp-style assembly ensures a robust, field-serviceable termination with **excellent weatherproofing**. This connector is essential for **avionics, compact wireless base stations, vehicle-mounted antennas, and tactical communication gear**, providing a secure, vibration-resistant connection in demanding environments where durability and tight-radius bending are required.



### Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	$\Omega$
Frequency Range	DC ~ 6	GHz
VSWR	$\leq 1.15$	@DC-3 GHz
	$\leq 1.25$	@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
Fastening 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
Coupling Nut Torque	46 - 69	Ncm
Coupling Nut Retention Force	≥ 450	N
Cable Type Compatibility	RG58/RG142/LMR195/LMR200 Cable	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-