

TNC M RA CLAMP for LMR400/RG8/RG213/RG393 Cable

P/N: AT3T3C-6E

Product Feature:

- Connector Type : TNC
- Polarity : Standard
- Gender : Male/Plug
- Geometry : Right Angle (90°)
- Termination Style : Clamp
- Cable : LMR400/RG8/RG213/RG393
- Application : General Purpose/Telecom etc

The **TNC Male Right-Angle (RA) Clamp Connector** for **LMR400, RG8, RG213, and RG393 Cables** is a heavy-duty RF solution designed for large-diameter, low-loss coaxial cables. The 90° orientation allows for clean, low-profile routing in tight cabinets or behind equipment racks, preventing cable strain on these thicker lines. Its clamp-style assembly ensures a **robust, field-serviceable** termination that is moisture-resistant and vibration-**proof without needing large crimping dies**. Key applications include **high-power base stations, wireless infrastructure, marine radar systems, and industrial RF laboratories** where maximum shielding and durability are required.



Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 6	GHz
VSWR	≤ 1.20	@DC-3 GHz
	≤ 1.30	@3-5 GHz
Insertion Loss	≤ 0.2	@DC-4 GHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 1.5	kVrms (at sea level)
Inner Conductor Resistance	≤ 1.5	m Ω
Outer Conductor Resistance	≤ 0.2	m Ω
Power Handling	316	W @1GHz
RF Leakage	≤ -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	LMR400/RG8/RG213/RG393 Cable	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-