

TNC M RP CRIMP for LMR400/RG8/RG213/RG393 Cable

P/N: AT3T1D-6E2

Product Feature:

- Connector Type : TNC
- Polarity : Reverse Polarity
- Gender : Male/Plug
- Geometry : Straight
- Termination Style : Crimp
- Cable : LMR400/RG8/RG213/RG393
- Application : General Purpose/Telecom etc



The **TNC Male Reverse Polarity (RP) Crimp Connector for LMR400, RG8, RG213, and RG393 Cable** is a high-performance RF component designed for large-diameter, low-loss coaxial cables. It features a **male body with a female socket center contact**, specifically configured to meet FCC regulations for non-standard antenna interfaces. The threaded coupling provides a secure, vibration-proof connection, while the crimp termination ensures maximum mechanical strength and electrical stability. This rugged connector is commonly used in **high-gain Wi-Fi antennas, outdoor wireless bridges, cellular signal boosters, and industrial WLAN systems** where long-distance signal integrity is a priority.



Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 6	GHz
VSWR	≤ 1.15	@DC-3 GHz
	≤ 1.25	@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
Ferrule	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	-