

TNC F 4H Panel Mount CRIMP for RG58/RG142/LMR195/LMR200 Cable
P/N: AT3T1D-6D

Product Feature:

- Connector Type : TNC
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight (4Hole Flange Type)
- Termination Style : Crimp
- Cable : RG58/RG142/LMR195/LMR200
- Application : General Purpose/Telecom etc



The **TNC Female 4-Hole Panel Mount Crimp Connector** for **RG58, RG142, LMR195, and LMR200 Cables** is a rugged bulkhead interface designed for secure chassis installations. Its **square four-hole flange** provides maximum mechanical stability and prevents rotation in high-vibration environments, while the crimp termination ensures a permanent, low-loss cable bond. This connector is essential for **telecommunications cabinets, RF test equipment, aerospace control panels, and outdoor junction boxes**, where it serves as a durable, shielded entry point for signal distribution and antenna systems.

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
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
Flange Size	Standard	-
Cable Retention Force	≥ 150	N
Cable Type Compatibility	RG58/RG142/LMR195/LMR200 Cable	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-