

BNC F 4H Panel Mount CLAMP for RG58/RG142/LMR195/LMR200 Cable
P/N: AT3B2C4-4D

Product Feature:

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

The **BNC Female 4-Hole Panel Mount Clamp Connector** for **RG58, RG142, LMR195, and LMR200 cables** is a heavy-duty RF interface designed for secure chassis mounting. Unlike crimp versions, its **clamp-style termination** allows for a solderless, field-repairable connection that ensures high mechanical retention and **superior electrical shielding**. The integrated **4-hole square flange** provides **maximum stability** on equipment panels, preventing rotation and loosening. It is ideal for **high-power RF amplifiers, military communications, laboratory test manifolds, and aerospace systems** where durability and low-loss signal performance are essential requirements.



Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 4	GHz
VSWR	≤ 1.15	@DC-2 GHz
	≤ 1.30	@2-4 GHz
Insertion Loss	≤ 0.2	@DC-4 GHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 1.5	kVrms
Inner Conductor Resistance	≤ 1.0	m Ω
Outer Conductor Resistance	≤ 0.25	m Ω
Power Handling	300	W @1GHz
RF Leakage	≤ -55	dB @1GHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Phosphor Copper	Gold
Outer Conductor/Body	Brass	White Bronze
Back Nut	Annealed Copper	Nickel
Dielectric	Teflon/PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Contact Captivation	≥ 27	N
Cable Type Compatibility	LMR200/RG142/RG58/LMR195 Cable	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-