

BNC F BH CLAMP for RG58/RG142/LMR195/LMR200 Cable

P/N: AT3B2C4-4D

Product Feature:

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

The **BNC Female Bulkhead (BH) Clamp Connector** for **RG58, RG142, LMR195, and LMR200** cables is a rugged, 50-ohm RF interface designed for high-performance panel-mount installations. Its **clamp-style termination** allows for a secure, solderless assembly that is easily field-serviceable while providing **excellent mechanical strength**. The bulkhead design features a threaded body with a nut and washer for airtight equipment chassis mounting. Key applications include **wireless base stations, military communications, RF test chambers,** and **industrial control systems** where a durable, low-loss external connection is required.



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	-