

BNC F BH CRIMP for BT3002 Cable

P/N: AT3B2DB-4S

Product Feature:

- Connector Type : BNC
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight Bulkhead
- Termination Style : Crimp
- Cable : BT3002
- Application : General Purpose/Telecom etc



The **BNC Female Bulkhead (BH) Crimp Connector** for **BT3002 cable** is a specialized **75-ohm component** designed for secure panel-mount installations. It features a threaded bulkhead body with a nut and washer, allowing it to be fixed through equipment housings or distribution panels. Its precision **crimp termination** ensures a **stable, low-loss connection** for the slim **BT3002 coaxial cable**. Primarily used in **telecom central offices, Digital Distribution Frames (DDF), and broadcast racks**, it provides a reliable external interface for **internal DS3/E3 high-speed data links**.



Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	75	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
Ferrule	Annealed Copper	Tri-Alloy
Dielectric	Teflon/PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Contact Captivation	≥ 27	N
Cable Type Compatibility	BT3002 Cable	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-