

BNC F BH RA PCB MOUNT Solder

P/N: AT3B4SB-4

Product Feature:

- Connector Type : BNC
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Right Angle (90°) Bulkhead
- Termination Style : Solder
- Soldered on: PCB
- Application : General Purpose/Telecom etc

The **BNC Female Bulkhead (BH) Right-Angle (RA) PCB Mount Solder connector** offers a space-saving, 90-degree orientation for compact enclosures. Its bulkhead design allows for **secure mounting through a panel** using a nut and washer, while the right-angle solder pins facilitate a low-profile connection to the PCB. This configuration **provides exceptional mechanical stability** and **superior EMI shielding**. It is widely used in **high-density rack systems, wireless base stations, and handheld test instruments** where vertical clearance is limited and rugged panel integration 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
Dielectric	Teflon/PTFE	-
Gasket	Silicone rubber	-

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