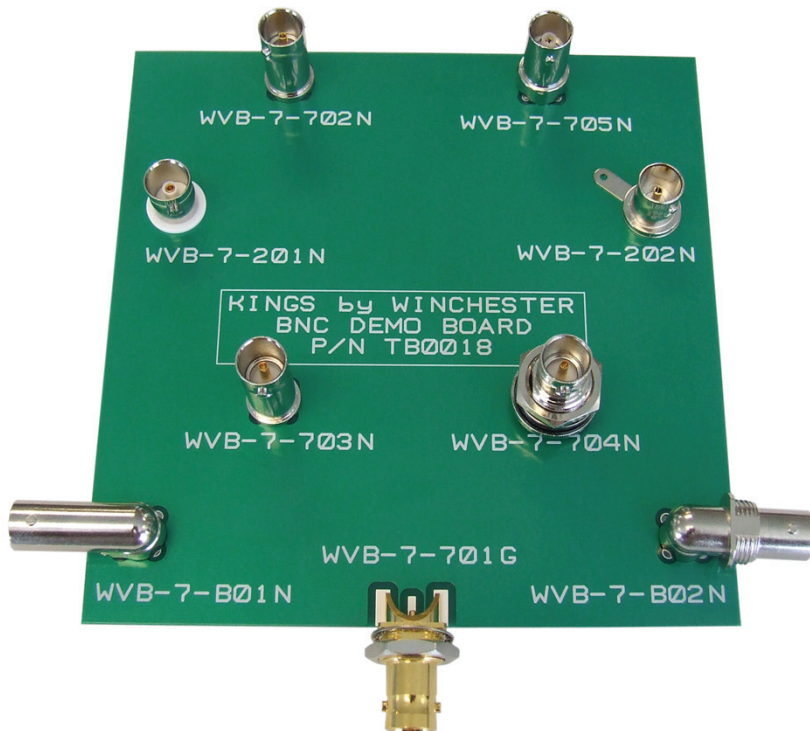




# WVB Series

## 75 Ohm BNC PCB Connectors



## Product Description

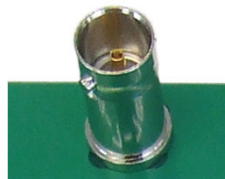
WVB Series 75 Ohm BNC PCB Jacks are available in a variety of Vertical, Right-Angle and Edge Mount designs for solder termination to printed circuit boards.

WVB Series 75 Ohm BNC PCB Jacks mate with our industry-proven KINGS® 2065 Series Standard BNC and 2065 Series Long Barrel BNC Plugs and can be used in a wide range of applications including Broadcast Routers, Networking, Instrumentation, and Medical Equipment.

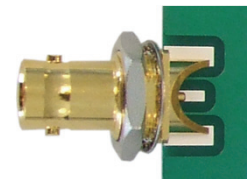
WVB Series 75 Ohm BNC Bulkhead Jacks for panel mount applications are available in two styles – isolated ground or with a grounding ring.



- BNC Right-Angle PCB Jacks are available in bulkhead and extended-nose right-angle configurations. BNC bodies are die cast with nickel plating. Center contacts are precision machined and gold plated.



- BNC Vertical PCB Jacks are available in bulkhead and straight configurations offered in 3 different height profiles. BNC bodies are nickel plated machined brass or die cast. Center contacts are precision machined and gold plated.



- BNC Edge Mount PCB Jacks are designed for 0.62 inch thick PCB and have a gold plated machined brass body with a precision machined gold plated center contact.

## Specifications

### Electrical

Impedance: 75 Ohms  
Frequency Range: 0 - 4 GHz  
Working Voltage:  $\geq 500$  VRMS  
Dielectric  
Withstanding Voltage: 1500 VRMS at sea level  
VSWR: Straight: 1.15 Max  
Right Angle: 1.2 Max  
Contact Resistance: Center Contact:  $\leq 1.5$  Milliohms  
Outer Contact:  $\leq 0.2$  Milliohms  
Insulation Resistance: 5000 Milliohms  
Insertion Loss: 0.2 dB Max

### Environmental

Temperature Range: - 65° C to + 165° C

### Material

Body & Outer Contact: Brass or Die Cast, Nickel Plated  
Female Contact: Phosphor Bronze, Gold Plated  
Insulator: Delrin® or PTFE

### Mechanical

Center Contact Retention:  $\geq 6$  lbs.  
Engagement Force:  $\leq 5$  lbs.  
Disengagement Force:  $\geq 1.5$  lbs.  
Durability: 500 Cycles Min

## Part Numbers

Part Number	Description	Solder Tail Length (in.)	Body Material	Insulation Material
WVB-7-701G	BNC Edge Mount Jack	—	Brass Gold Plated	PTFE
WVB-7-705N	BNC Vertical PCB Jack	.131	Die Cast Nickel Plated	Delrin®
WVB-7-703N	BNC Vertical PCB Jack	.177	Brass Nickel Plated	PTFE
WVB-7-702N	BNC Vertical PCB Jack	.177	Brass Nickel Plated	Delrin®
WVB-7-704N	BNC Vertical PCB Bulkhead Receptacle	.177	Brass Nickel Plated	PTFE
WVB-7-B02N	BNC Right-Angle Bulkhead PCB Jack	.131	Die Cast Nickel Plated	PTFE
WBV-7-B01N	BNC Right-Angle PCB Jack	.131	Die Cast Nickel Plated	Delrin®
WVB-7-202N	BNC Bulkhead Jack Solder Cup	—	Die Cast Nickel Plated	Delrin®
WVB-7-201N	BNC Bulkhead Jack Solder Cup Isolated	—	Brass Nickel Plated	Nylon



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Winchester Interconnect:](#)

[WVB-7-202N](#) [WVB-7-701G](#) [WVB-7-702N](#) [WVB-7-703N](#) [WVB-7-704N](#) [WVB-7-705N](#) [WVB-7-B01N](#) [WVB-7-B02N](#)