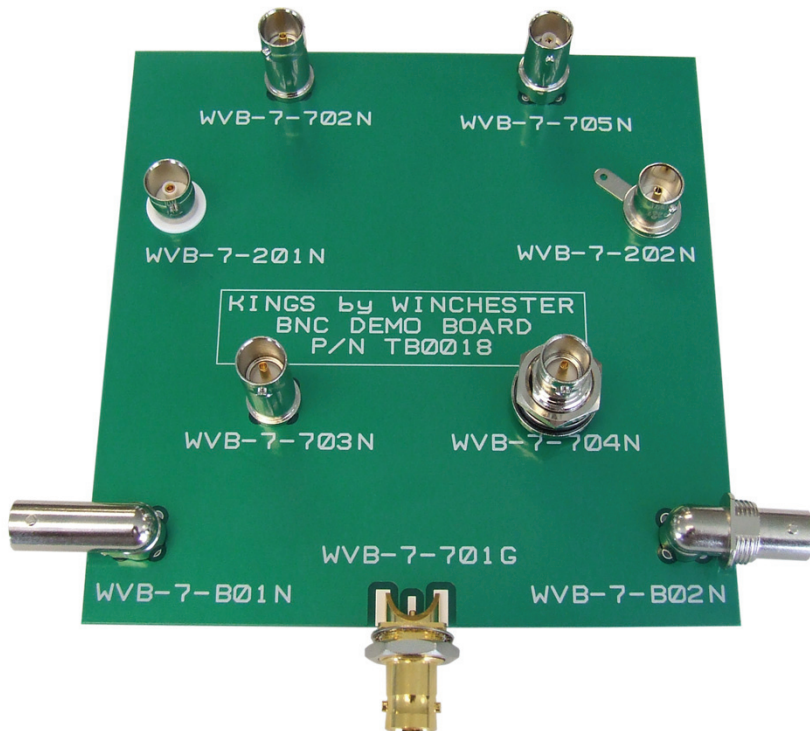




# WVB Series

## 75 Ohm BNC PCB Connectors



## Product Description

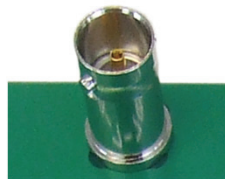
WVB Series 75 Ohm BNC PCB Jacks are available in a variety of Vertical, Right-Angle and Edge Mount designs for solder termination to printed circuit boards.

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.

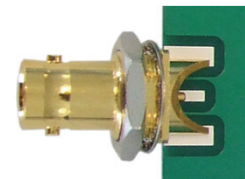
WVB Series 75 Ohm BNC Bulkhead Jacks for panel mount applications are available in two styles – isolated ground or with a grounding ring.



- 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:	≥ 500 VRMS
Dielectric	
Withstanding Voltage:	1500 VRMS at sea level
VSWR:	Straight: 1.15 Max Right Angle: 1.2 Max
Contact Resistance:	Center Contact: ≤ 1.5 Milliohms Outer Contact: ≤ 0.2 Milliohms
Insulation Resistance:	5000 Milliohms
Insertion Loss:	0.2 dB Max

### Environmental

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

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

### Mechanical

Center Contact Retention:	≥ 6 lbs.
Engagement Force:	≤ 5 lbs.
Disengagement Force:	≥ 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

