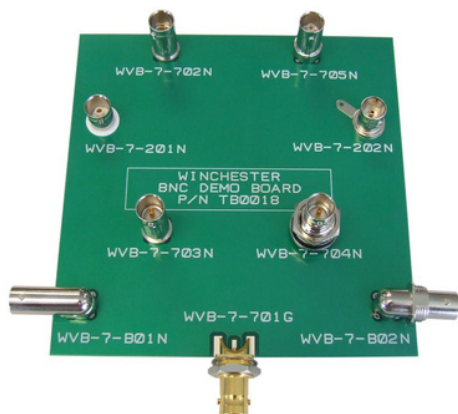


# WVB Series

## 75 Ohm BNC PCB Connectors



Kings products, like the WVB Series BNC PCB Connectors, are now sold under the Kings-Win™ brand from Winchester Interconnect™.

### 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-Win 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.

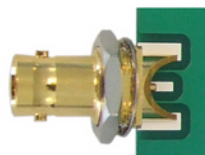
WVB Series 75 Ohm BNC Bulkhead Jacks for panel mount applications are available in two styles – isolated ground or with a grounding ring.



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

<b>Electrical</b>	<b>Contact Resistance</b>	<b>Mechanical</b>	<b>Material</b>	<b>Environmental</b>
<b>Impedance</b> 75 Ohms	<b>Center</b> ≤ 1.5 Milliohms	<b>Center Contact Retention</b> ≥ 6 lbs.	<b>Body &amp; Outer Contact</b> Brass or Die Cast, Nickel Plated	<b>Temperature Range</b> -65°C to +165°C
<b>Frequency Range</b> 0 – 4 GHz	<b>Outer</b> ≤ 0.2 Milliohms	<b>Engagement Force</b> ≤ 5 lbs.	<b>Female Contact</b> Phosphor Bronze, Gold Plated	
<b>Working Voltage</b> ≥ 500 VRMS	<b>Insertion Loss</b> 0.2dB Max	<b>Disengagement Force</b> ≥ 1.5 lbs.	<b>Insulator</b> Delrin® or PTFE	
<b>Dielectric</b>	<b>Insulation Resistance</b> 5000 Milliohms	<b>Durability</b> 500 Cycles Min		
<b>Withstanding Voltage</b> 1500 VRMS at sea level				
<b>VSWR</b>				
<b>Straight</b> 1.15				
<b>R/A</b> Max 1.2				
<b>Max</b>				

## 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	0.131	Die Cast Nickel Plated	Delrin®
WVB-7-703N	BNC Vertical PCB Jack	0.177	Brass Nickel Plated	PTFE
WVB-7-702N	BNC Vertical PCB Jack	0.177	Brass Nickel Plated	Delrin®
WVB-7-704N	BNC Vertical PCB Bulkhead Receptacle	0.177	Brass Nickel Plated	PTFE
WVB-7-B02N	BNC Right-Angle Bulkhead PCB Jack	0.131	Die Cast Nickel Plated	PTFE
WVB-7-B01N	BNC Right-Angle PCB Jack	0.131	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



Kings products are now under the Kings-Win™ brand from Winchester Interconnect.