

BNC **Bulkhead Jacks**

75Ω Cable Connectors



The new NEUTRIK BNC Bulkhead Jacks, when used in conjunction with the NEUTRIK 75Ω BNC Rear Twist or Push-Pull Cable Connectors, are the ideal combination for BNC applications. The recessed bulkhead jacks in the "D" size housing use the same hole cutout size as other Neutrik "D" series sized connectors such as the Speakon® NL4MP and the XLR Receptacles in the "D-L-1" series. The shell provides flush mounting and protection of the jacks from damage. The isolated versions solve potential grounding problems and prevent common-mode influence with other connections conducted over the same panel ground potential. Based on a new production technology, the machined brass connector body provides an extremely rugged and non-abrasive connection over long term use.

The new BNC bulkhead jacks provide unique features, such as:

- Gold plated center contact
- "D" shaped housing or single feed through mountings
- Excellent return loss / VSWR rating
- Isolated or grounded versions
- Metal threads available on isolated feed through jack for added strength

 **NEUTRIK**
CONNECTING THE WORLD

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TECHNICAL DATA

ELECTRICAL

Impedance:	75Ω	Insulation resistance:	$> 5 \cdot 10^9 \Omega$
Rated voltage:	500 V ac rms	Dielectric withstanding voltage:	1500 V ac rms
VSWR / Return Loss:	$\leq 1.03 / > 37 \text{ dB up to } 1 \text{ GHz}$ $\leq 1.05 / > 32 \text{ dB up to } 2 \text{ GHz}$ $\leq 1.08 / > 28 \text{ dB up to } 3 \text{ GHz}$	Inner contact resistance:	$\leq 3 \text{ m}\Omega$
		(initial) Outer contact resistance:	$\leq 2 \text{ m}\Omega$ (initial)

MECHANICAL

Durability:	1000 cycles mi	Engagement force:	$< 25 \text{ N}$
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MATERIALS

D-shape housing:	ZnAl4Cu1m gal Ni or black Cr plating	Insulator:	Teflon PTFE
Ground contact:	Stainless steel OPTALLOY [®] coated	Insulation shell:	POM
Center contact:	CuZn39Pb3 gal 0.2μm AuCo	Temperature range:	-30°C to +85°C

ORDERING INFORMATION

N	B	B	75	D	F	I	B	M
NEUTRIK	BNC	B= Bulkhead	IMPEDANCE	In D-shape housing	F=Feed Through	I=Isolated G=Grounded	B=Black	M=Metal Threads

Recessed Bulkhead Jacks

Part

D-Shape housing, feed through, isolated	NBB75DFI
Black D-Shape housing, feed through, isolated	NBB75DFIB
D-Shape housing, feed through, grounded	NBB75DFG
Black D-Shape housing, feed through, grounded	NBB75DFGB

Bulkhead Jacks

Feed through, isolated	NBB75FI
Feed through, grounded	NBB75FG
Feed through, isolated with metal threads	NBB75FI-M

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