



## NBB75DSI

Isolated BNC chassis connector, solder version in nickel D-shape housing

Neutrik's BNC chassis connectors offer a true 75  $\Omega$  design for serial and digital (HD) signals. The machined brass connector body provides an extremely rugged and non-abrasive connection over long term use and is in addition recessed and therefore well protected in a D-shape housing (audio industry standard).

### Features & Benefits

- Gold plated center contact
- True 75  $\Omega$  design meets the stringent HD requirements
- Isolated panel mount (solves potential grounding problems and prevents common-mode influence with other connections conducted over the same panel ground potential)
- Standard D-shape housing - provides flush mounting and protection from damage
- Color coding possible

**Technical Information**

<b>Product</b>	
<b>Title</b>	NBB75DSI
<b>Connection Type</b>	BNC 75 $\Omega$
<b>Gender</b>	female

<b>Electrical</b>	
<b>Signal Type</b>	HD, SDI, Video, AES/EBU, Composit, YUV, RGB, RGBH, RGBHV
<b>Contact resistance</b>	$\leq 3 \text{ m}\Omega$ (inner)
<b>Contact resistance</b>	$\leq 2 \text{ m}\Omega$ (outer)
<b>Dielectric strength</b>	1,5 kVdc
<b>Impedance</b>	75 $\Omega$
<b>Insulation resistance</b>	$> 5 \text{ G}\Omega$
<b>Rated voltage</b>	$< 50 \text{ V}$
<b>VSWR</b>	$\leq 1.03 / > 37 \text{ dB}$ up to 1 GHz $\leq 1.05 / > 32 \text{ dB}$ up to 2 GHz $\leq 1.08 / > 28 \text{ dB}$ up to 3 GHz

## Mechanical

<b>Insertion force</b>	< 25 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Wiresize</b>	
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Bayonett
<b>Mounting direction</b>	Front mounting
<b>Chassis shape</b>	D

## Material

<b>Contacts</b>	Brass (CuZn39Pb3), 0.2 µm AuCo (Center contact)
<b>Insert</b>	PTFE
<b>Shell</b>	Polyacetal (POM) (Insulation Sheell)
<b>Shell plating</b>	Optalloy®
<b>D-Shape housing</b>	Zinc diecast (ZnAl4Cu1) gal Ni plating

## Environmental

<b>Temperature range</b>	-30 °C to +85 °C
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