



## 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

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

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

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

Environmental	
Temperature range	-30 °C to +85 °C