

## NBB75SI

Isolated BNC cable jack for panel mount, solder version



Neutrik's BNC cable jacks for panel mount 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.

### 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)
- Grounded panel mount possible (remove isolation washer)

## Technical Information

Product	
<b>Title</b>	NBB75SI
<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>	$\leq 1.050 / > 32 \text{ dB}$ up to 1 GHz $\leq 1.065 / > 30 \text{ dB}$ up to 2 GHz $\leq 1.100 / > 26 \text{ dB}$ 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	12.7 mm

Material	
Contacts	Brass (CuZn39Pb3), 0.2 µm AuCo (Center contact)
Insert	PTFE
Shell	Polyacetal (POM) (Insulation Sheell)
Shell plating	Optalloy®

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