



## NBNB75ILP9

BNC cable jack for panel mount, isolated

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.

Suitable cables:

Belden 1505A, Belden 8241F, Canare L4CFB, CommScope 5565, Draka 0.8/3.7 AF, Draka 755-801 (803, 804), Gepco VPM2000, Suhner S04263, Sommer 600-0451

Crimp size:

Pin: 1.6 mm (square)

Shield: 6.47 mm (hex)

## 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)

Technical Information

Product	
Title	NBNB75ILP9
Connection Type	BNC 75 Ω
Gender	female

Electrical	
Contact resistance	≤ 3 mΩ (inner)
Contact resistance	≤ 2 mΩ (outer)
Dielectric strength	1,5 kVdc
Impedance	75 Ω
Insulation resistance	> 5 GΩ
Rated voltage	<50 V
VSWR	≤1.050/>32 dB up to 1 GHz ≤1.065/>30 dB up to 2 GHz ≤1.100/>26 dB up to 3 Ghz

**Mechanical**

Cable O.D.	4 - 7.7 mm
Cable retention	> 30 N (Center)
Crimp size	6,47 Hex crimp (shield) acc. IEC 60803 (die designation E)
Crimp size (pin)	1,6 Square crimp (pin) acc. IEC 60803 (die designation 2)
Insertion force	< 25 N
Lifetime	> 1000 mating cycles
Wiresize	
Locking device	Bayonett
Mounting direction	Rear mounting
Chassis shape	12.7 mm
Cable anchoring	Jacket crimping

**Material**

Contacts	Brass (CuZn35Pb2), 0.2 µm AuCo (Center contact)
Insert	PTFE
Shell	Brass (CuZn39Pb3)
Shell plating	Optalloy®

**Environmental**

Temperature range	-30 °C to +85 °C
Contact crimpability	Complies with IEC 60803 and IEC 60352-2