



# NBB75DSGB

Grounded BNC chassis connector, solder version in black D-shape housing

Neutrik's BNC chassis connectors offer a true 75 Ω 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 Ω design meets the stringent HD requirements
- ✓ Grounded panel mount
- ✓ Standard D-shape housing - provides flush mounting and protection from damage
- ✓ Color coding possible

## Technical Information

| Product         |           |
|-----------------|-----------|
| Title           | NBB75DSGB |
| Connection Type | BNC 75 Ω  |
| Gender          | female    |

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

| Mechanical         |                        |
|--------------------|------------------------|
| Insertion force    | $< 25 \text{ N}$       |
| Lifetime           | $> 1000$ mating cycles |
| Wiresize           |                        |
| 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 black chrome plating |

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