



NBB75FI

Isolated BNC bulkhead for panel mount, feedthrough

Neutrik's BNC bulkhead for panel mount offer a true 75 Ω design for serial and digital (HD & UHD) signals. The machined brass connector body provides an extremely rugged and non-abrasive connection over long term use.

Features & Benefits

- Gold plated cage type center contact
- True 75 Ω design meets the stringent HD & UHD requirements
- Isolated panel mount (solves potential grounding problems and prevents common-mode influence with other connections conducted over the same panel ground potential)
- Extra wide fastening nut avoids damaging the plastic thread

New cage type contact

- Closed contact design - extremely robust
- Gold plated cage type clip - best possible shielding and lowest contact resistance

Technical Information

| Product | |
|-----------------|-----------------|
| Title | NBB75FI |
| Connection Type | BNC 75 Ω |
| Gender | female |

| Electrical | |
|-----------------------|--|
| Signal Type | HD, SDI, Video, AES/EBU, Composit, YUV, RGB, RGBH, RGBHV UHD |
| Contact resistance | $\leq 3 \text{ m}\Omega$ (inner) |
| Contact resistance | $\leq 2 \text{ m}\Omega$ (outer) |
| Dielectric strength | 1,5 kVdc |
| Impedance | 75 Ω |
| Insulation resistance | > 5 G Ω |
| Rated voltage | <50 V |
| VSWR | $\leq 1.050 / > 32 \text{ dB}$ 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 | |
| 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 | Brass (CuZn39Pb3) |
| Shell plating | Optalloy® |

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