



NBTB75CLI5

Neutrik's BNC tiny cable jack is based on the rearTWIST principle and is suitable for thin coaxial cables. The cable jacks feature reliable bayonet locking which can be turned from the back for lower mating torque. The rearTWIST boot guarantees easy access even in high density applications. The tiny cable jack is the perfect solution for extensions and Y-cables.

Like all Neutrik BNCs it offers a true 75 Ω design and is perfectly suitable for HD applications.

Suitable cables:

CAE MC75, Sommer 600-0701, Sommer 600-20-03 (05), Sommer 600-025-03 (05)

Crimp size:

Pin: 1.6 mm (square)

Shield: 4.06 mm (hex)

Features & Benefits

- Ideal for recessed bulkheads where access to the "head" of the connector might be an issue. These connectors turn from the back and not the front.
- True 75 Ω design meets the stringent HD requirements
- Perfect solution for Y-cables and extensions.
- Optimized assembly for multicore or tiny cables
- Snug-fit center pin assembly provides tactile feedback
- Excellent cable protection and retention
- Precise machined brass parts for outstanding durability
- Accessories include color coded boots in 10 standard colors, crimp tool and dies

Technical Information

| Product | |
|-----------------|-----------------|
| Title | NBTB75CLI5 |
| Connection Type | BNC 75 Ω |
| Gender | female |

| Electrical | |
|-----------------------|--|
| Contact resistance | $\leq 3 \text{ m}\Omega$ (inner) |
| Contact resistance | $\leq 2 \text{ m}\Omega$ (outer) |
| Dielectric strength | 0,75 kVdc |
| Impedance | 75 Ω |
| Insulation resistance | $> 5 \text{ G}\Omega$ |
| Rated voltage | $< 50 \text{ V}$ |
| 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 | |
|------------------|---|
| Cable O.D. | 2.9 mm |
| Cable retention | > 30 N (Center) |
| Crimp size | 4,06 Hex crimp (shield) acc. MIL22520/5-39(B) |
| 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 |
| 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 |