NEUTRIK



# NBNC75BQP11

The rearTWIST HD BNC cable connector offers a true 75 Ω design and is perfectly suitable for HD applications.
The patented rearTWIST boot guarantees easy access even in high density applications and offers color coding.

Suitable cables:
Belden 1695A, CommScope 2279V

Crimp size:
Pin: 1.6 mm (square)
Shield: 6.47 mm (hex)

## Features & Benefits

- “rearTWIST Principle” locking/unlocking using the easily accessible soft touch boot (Patent DE 100 48507)
- 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 HDTV / DVD requirements
- Leading area: Avoids tilting due to side forces to protect contacts from deformation. Guarantees a lifetime of min. 1000 mating cycles!
- Snug-fit center pin insert provides tactile feedback
- Shield and jacket crimp technology prevents the problem of an exposed grounding braid on cable assemblies
- Excellent cable protection and retention
- Precise Swiss machined brass parts for outstanding durability
- Accessories include color coded boots in 10 standard colors, crimp tool and dies


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# Technical Information

| Product | |
|---|---|
| Title | NBNC75BQP11 |
| Connection Type | BNC 75 Ω |
| Gender | male |

| 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<br>≤1.065/>30 dB up to 2 GHz<br>≤1.100/>26 dB up to 3 Ghz |


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| Mechanical | |
|---|---|
| Cable O.D. | 6,3 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 |
| 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 |


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