

# NBNC75BTU13

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:  
MCC-AVBRG6DBHD

Crimp size:  
Pin: 1.6 mm (square)  
Shield: 7.36 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

## Image gallery



## Technical Information hide

|                                                                                                                        |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Product                                                                                                                |                                                                                    |
| Title                                                                                                                  | NBNC75BTU13                                                                        |
| 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                                                                                                          | 500 V                                                                              |
| VSWR                                                                                                                   | ≤ 1.050 / > 32 dB up to 1 GHz<br>≤ 1.065 / > 30 dB up to 2 GHz<br>≤ 1.100 / > 26 d |
| Mechanical                                                                                                             |                                                                                    |
| Cable O.D.                                                                                                             | 7.3 mm                                                                             |
| Cable retention                                                                                                        | > 30 N (Center)                                                                    |
| Crimp size                                                                                                             | 7.36 Hex crimp (shield) acc. MIL 22520/5-41(A)                                     |
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|                  |                                                           |
|------------------|-----------------------------------------------------------|
| Crimp size (pin) | 1,6 Square crimp (pin) acc. IEC 60803 (die designation 2) |
| Insertion force  | < 25 N                                                    |
| Lifetime         | > 100 mating cycles mating cycles                         |
| Locking device   | Bayonett                                                  |
| Cable anchoring  | Jacket crimping                                           |

Material

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

Accessories

BST-BNC-\*



CAS-BNC-T



CS-BNC-RT



DIE-BNC-U



DIE-R-BNC-PU



HX-BNC



HX-R-BNC

PT-BNC