



## NBNC75BZV14

The rearTWIST HD BNC cable connector offers a true 75  $\Omega$  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 cable:

Belden 1794A

Crimp size:

Pin: 1.6 mm (square) or 1.75 mm (hex)

Shield: 8.23 mm (hex)

### Features & Benefits

- “rearTWIST Principle” locking/unlocking using the easily accessible soft touch boot (Patent DE 100 48507)
- True 75  $\Omega$  design meets the stringent HDTV / DVD requirements
- Snug-fit center pin insert provides tactile feedback
- Excellent cable protection and retention
- Accessories include color coded boots in 10 standard colors, crimp tool and dies
- 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.
- Leading area: Avoids tilting due to side forces to protect contacts from deformation. Guarantees a lifetime of min. 1000 mating cycles!
- Shield and jacket crimp technology prevents the problem of an exposed grounding braid on cable assemblies
- Precise Swiss machined brass parts for outstanding durability

Technical Information

| Product         |             |
|-----------------|-------------|
| Title           | NBNC75BZV14 |
| Connection Type | BNC 75 Ω    |
| Gender          | male        |

| Electrical            |   |
|-----------------------|---|
| Contact resistance    | ≤ 3 mΩ (inner)  |
| Contact resistance    | ≤ 2 mΩ (outer)  |
| Dielectric strength   | 1.5 kVdc  |
| 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 |

| Mechanical      |  |
|-----------------|--|
| Cable O.D.      | < 8.0 mm   |
| Cable retention | > 30 N (center)  |
| Crimp size      | 1,6 Square crimp (pin) acc. IEC 60803 (die designation 2) or 1,75 Hex crimp acc. IEC 60803 (die desi |
| 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 |