# NBNC75BHK7

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 cable:
Canare L-3CFB, Canare L-3C2VS

Crimp size:
Pin: 1.6 mm (square) or 1.75 mm (hex)
Shield: 5.41 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 | NBNC75BHK7 |

| Electrical | |
|---|---|
| Signal Type | HD, SDI, Video, AES/EBU, Composit, YUV, RGB, RGBH, RGBHV |
| 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 |

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| Mechanical | |
|---|---|
| Cable O.D. | 4.3 mm |
| Cable retention | > 30 N (center) |
| Crimp size | 5,41 |
| Crimp size (pin) | 1,6 Square crimp (pin) acc. IEC 60803 (die designation 2) or 1,75 Hex crimp acc. IEC 60803 (die designation X) |
| Insertion force | < 25 N |
| Lifetime | > 1000 mating cycles |
| Wiresize | |
| Cable anchoring | Jacket crimping |

| Environmental | |
|---|---|
| Temperature range | -30°C - +85°C °C |
| Contact crimpability | Complies with IEC 60803 and IEC 60352-2 |