



## NBNC75BHK7

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:

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  $\Omega$  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

# 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 |

| 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 |