



## 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)
- 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   | NBNC75BHK7 |

| Electrical            |  |
|-----------------------|--|
| Signal Type           | HD, SDI, Video, AES/EBU, Composit, YUV, RGB, RGBH, RGBHV   |
| Contact resistance    | $\leq 3 \text{ m}\Omega$ (inner)   |
| Contact resistance    | $\leq 2 \text{ m}\Omega$ (outer)   |
| Dielectric strength   | 1,5 kVdc   |
| Insulation resistance | $> 5 \text{ G}\Omega$  |
| Rated voltage         | $< 50 \text{ V}$   |
| VSWR                  | $\leq 1.050 / > 32 \text{ dB}$ up to 1 GHz<br>$\leq 1.065 / > 30 \text{ dB}$ up to 2 GHz<br>$\leq 1.100 / > 26 \text{ dB}$ up to 3 GHz |

| Mechanical       |  |
|------------------|--|
| Cable O.D.       | 4.3 mm   |
| Cable retention  | $> 30 \text{ N}$ (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  | $< 25 \text{ N}$   |
| 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 |