



## 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 $\leq 1.065 / > 30 \text{ dB}$ up to 2 GHz $\leq 1.100 / > 26 \text{ dB}$ 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