



## NBNC75BLP7

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 cables:

Belden 8241, CAE KX6A, Canare LV-61S, Cordial CVI (CVM) 06-37, CommScope 5563, Draka 0.6/3.7, Draka 0.6L/3.7, Proel HPC 805, RG59B/U, Sommer 600-0051 (M,L,S), Sommer 600-0054 (M,L,S), Klotz V06/37, Nexans HF 75 0,6/3,7 2YCY, Percon VK95

### Crimp size:

Pin: 1.6 mm (square)

Shield: 6.47 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	NBNC75BLP7
Connection Type	BNC 75 Ω
Gender	male

Electrical	
Contact resistance	≤ 3 mΩ (inner)
Contact resistance	≤ 2 mΩ (outer)
Dielectric strength	1,5 kVdc
Impedance	75 Ω
Insulation resistance	> 5 GΩ
Rated voltage	<50 V
VSWR	≤1.050/>32 dB up to 1 GHz ≤1.065/>30 dB up to 2 GHz ≤1.100/>26 dB up to 3 Ghz

**Mechanical**

Cable O.D.	6.3 mm
Cable retention	> 30 N (Center)
Crimp size	6,47 Hex crimp (shield) acc. IEC 60803 (die designation E)
Crimp size (pin)	1,6 Square crimp (pin) acc. IEC 60803 (die designation 2)
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