



## NBL75BVZ17

The rearTWIST HD Large BNC cable connector is designed for large cable diameters as used on long runs and high data rates (HD).

Like all Neutrik BNCs it 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.

Suitable cables:

Belden 7731A (ANH), CAE HD16720LSZH, Draka 1.6/7.3AF, RG 11, Klotz V16/72, Canford SDV-HD, Nexans HF 75 1,6/7,2 02Y(ST)C(ST)H, Percon VK9, Tesca Sphere

Crimp size:

Pin: 1.8 mm

Shield: 10.0 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 crimp tool and dies

## Technical Information

Product	
Title	NBLC75BVZ17
Connection Type	BNC 75 $\Omega$
Gender	male

Electrical	
Contact resistance	$\leq 3 \text{ m}\Omega$ (inner)
Contact resistance	$\leq 2 \text{ m}\Omega$ (outer)
Dielectric strength	1,5 kVdc
Impedance	75 $\Omega$
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

<b>Mechanical</b>	
Cable O.D.	10.4 mm
Cable retention	> 30 N (Center)
Crimp size	10.0 mm (HEX)
Crimp size (pin)	1.8 mm
Insertion force	< 25 N
Lifetime	> 1000 mating cycles
Wiresize	
Locking device	Bayonett
Cable anchoring	Jacket crimping

<b>Material</b>	
Contacts	Brass (CuZn35Pb2), 0.2 µm AuCo (Center contact)
Insert	PTFE
Shell	Brass (CuZn39Pb3)
Shell plating	Optalloy®

<b>Environmental</b>	
Temperature range	-30 °C to +85 °C
Contact crimpability	Complies with IEC 60803 and IEC 60352-2