

# NBNC75BTU11

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 1694A (ANH), Bryant BD SD11, Canare L-4.5CHD, Clark Wire CD7506-0, CommScope 5765, Gepco VSD2001, Suhner S05163-02, Suhner S05133-07, Percon VK77

#### Crimp size:

Pin: 1.6 mm (square)

Shield: 7.36 mm (hex)



#### Image gallery



#### 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 hide

##### Product

Title	NBNC75BTU11
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 G $\Omega$
Rated voltage	<50 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

[Home](#) [Products](#) [About us](#) [Contact](#) [Support](#)

**Mechanical**

Cable O.D.	7.3 mm
Cable retention	> 30 N (Center)
Crimp size	7,36 Hex crimp (shield) acc. MIL22520/5-41(A)
Crimp size (pin)	1,6 Square crimp (pin) acc. IEC 60803 (die designation 2)
Insertion force	< 25 N
Lifetime	> 1000 mating cycles
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

**Accessories**

BST-BNC-\*

CAS-BNC-T

CS-BNC-RT

DIE-BNC-U



DIE-R-BNC-PU

HX-BNC

HX-R-BNC

PT-BNC

