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NBNC75BTY11

The rearTWIST BNC cable connector offers a true 75 Ω 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 1694F

Crimp size:

Pin: 1.6 mm (square)

Shield: 8.23 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 Ω 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



Image gallery



Downloads

- [Assembly Instruction - BNC rearTWIST](#)
- [BNC Cable to Connector List](#)
- [Neutrik BNC rearTWIST White Paper](#)
- [Product Guide 2012, 06 BNC](#)
- [True 75 Ohm HD BNC Connectors](#)
- [Drawing NBNC75B](#)
- [Drawing NBNC75B](#)

Technical Information hide

Product	
Title	NBNC75BTY11
Connection Type	BNC 75 Ω
Gender	male
Electrical	
Contact resistance	≤ 3 m Ω (inner) (inner)
Comment	≤ 2

Dielectric strength	1,5 kVdc
Impedance	75 Ω
Insulation resistance	> 5 G Ω
Rated voltage	500 V
VSWR	$\leq 1.050 / > 32$ dB up to 1 GHz $\leq 1.065 / > 30$ dB up to 2 GHz $\leq 1.100 / > 26$ d

Mechanical

Cabel O.D.	8.0 mm
Cable retention	> 30 N (Center)
Crimp Mass	8,23 Hex crimp (shield) acc. IEC 60803 (die designation G)
Crimp size	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 μ m AuCo (Center contact)
Insert	PTFE
Shell	Brass (CuZn39Pb3)
Shell plating	Optalloy®

Environmental

Standard compliance	IEC 6016908, MIL 348A
Temperature range	-30 °C to +85 °C
Contact crimpability	Complies with IEC 60803 and IEC 60352-2

Accessories

 <p>BST-BNC-*</p>	 <p>CAS-BNC-T</p>	 <p>CS-BNC</p>	<p>DIE-BNC-Y</p>
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