

NBNC75BXU13

The rearTWIST HD 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 cable:

CAE HD1250FLEX, CAE VCB 100

Crimp size:

Pin: 1.6 mm (square)

Shield: 7.36 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



Technical Information [hide](#)

Product

Title	NBNC75BXU13
Connection Type	BNC 75 Ω
Gender	male

Electrical

Contact resistance	≤ 3 m Ω (inner)
Contact resistance	≤ 2 m Ω (outer)
Dielectric strength	1,5 kVdc
Impedance	75 Ω
Insulation resistance	> 5 G Ω
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.	7.3 mm
Cable retention	> 30 N (Center)

Crimp size: 7.36 Hex crimp (shield) acc. MIL 22529/5-41(A)

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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