

NBNC75BTS9

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:
Hirschmann KOKA 712Cu

Crimp size:
Pin: 1.6 mm (square)
Shield: 7.01 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	NBNC75BTS9
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.	6.9 mm
Cable retention	> 30 N (Center)
Crimp size	7.01 Hex crimp (shield) acc. IEC 60993 (die designation F)
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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-CS



DIE-R-BNC-PS



HX-BNC



HX-R-BNC

PT-BNC