

# NBNC75BRS9

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:

Canare V(3-5)-5C, Bryant BD SD50

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  $\Omega$  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

## Image gallery



## Technical Information [hide](#)

### Product

Title	NBNC75BRS9
Connection Type	BNC 75 $\Omega$
Gender	male

### Electrical

Contact resistance	$\leq 3$ m $\Omega$ (inner)
Contact resistance	$\leq 2$ m $\Omega$ (outer)
Dielectric strength	1,5 kVdc
Impedance	75 $\Omega$
Insulation resistance	> 5 G $\Omega$
Rated voltage	<50 V
VSWR	$\leq 1.050 / > 32$ dB up to 1 GHz $\leq 1.065 / > 30$ dB up to 2 GHz $\leq 1.100 / > 26$ 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 (dia. 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
<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

## Accessories

BST-BNC-\*



CAS-BNC-T



CS-BNC-RT



DIE-BNC-CS



DIE-R-BNC-PS



HX-BNC



HX-R-BNC

PT-BNC