

NBNC75BRU11

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 cables:

Belden 1694F, Clark Wire CD7506F-0, Kabeltronik HFV 1.0/4.8 AF- FRNC

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	NBNC75BRU11
Connection Type	BNC 75 Ω
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 Ω
Insulation resistance	$> 5 \text{ G}\Omega$
Rated voltage	$< 50 \text{ V}$
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

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