



Product Data Sheet

Neutrik NBNC75BTU11-D BNC Plug IMAGE 1000

Description



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 colour coding.

Suitable cables: Belden 1694A (ANH), Belden 4694R

Product	SKU
NEUTRIK NBNC75BTU11-D BNC PLUG IMAGE 1000	BA-65-047

Key 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 colour coded boots in 10 standard colours, crimp tool and dies



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Technical Specification

Neutrik NBNC75BTU11-D BNC Plug IMAGE 1000 Specification

Connection type: BNC 75 Ω	Mechanical
Gender: male	Cable O.D.: 7.3 mm
Electrical	Cable retention: > 30 N (Center)
Contact resistance: $\leq 3 \text{ m}\Omega$ (inner)	Crimp size: 7,36 Hex crimp (shield) acc. MIL22520/5-41(A)
Contact resistance: $\leq 2 \text{ m}\Omega$ (outer)	Crimp size (pin): 1,6 Square crimp (pin) acc. IEC 60803 (die designation 2)
Dielectric strength: 1.5 kVdc	Insertion force: < 25 N
Impedance: 75 Ω	Lifetime: > 1000 mating cycles
Insulation resistance: > 5 G Ω	Locking device: Bayonett
Rated voltage: < 50 V	Cable anchoring: Jacket crimping
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	Material
Environmental	Contacts: Brass: (CuZn35Pb2), 0.2 μm AuCo (center contact)
Temperature range: -30 $^{\circ}\text{C}$ to +85 $^{\circ}\text{C}$	Insert: PTFE
Contact crimpability: Complies with IEC 60803 and IEC 60352-2	Shell: Brass (CuZn39Pb3)
	Shell plating: Optalloy [®]