



Product Data Sheet

Neutrik NBNC75BRU11 BNC Plug 1694F

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.

Crimp dimensions: Pin: 1.6 mm (square), Shield: 7.36 mm (hex)

Product	SKU
NEUTRIK NBNC75BRU11 BNC PLUG 1694F	BA-65-5136

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 NBNC75BRU11 BNC PLUG 1694F 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 m Ω (inner)	Crimp dimensions: 7.36 Hex crimp (shield) 1.6 Square crimp (pin)
Contact resistance: \leq 2 m Ω (outer)	Insertion force: < 25 N
Dielectric strength: 1.5 kVdc	Lifetime: > 1000 mating cycles
Impedance: 75 Ω	Locking device: Bayonett
Insulation resistance: > 5 G Ω	Cable anchoring: Jacket crimping
Rated voltage: < 50 V	Material
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	Contacts: Brass: (CuZn35Pb2), 0.2 μ m AuCo (center contact)
Environmental	Insert: PTFE
Temperature range: -30 $^{\circ}$ C to +85 $^{\circ}$ C	Shell: Brass (CuZn39Pb3)
Contact crimpability: Complies with IEC 60803 and IEC 60352-2	Shell plating: Optalloy [®]