



Product Data Sheet

Neutrik NBTC75BFI4 Rear Twist on BNC Plug 179DT

Description



The rearTWIST HD Tiny BNC cable connector is optimised for small cable diameters. The additional leading ferrule eases the critical assembly of multicore or tiny cables.

Like all Neutrik BNCs it 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: 4.06 mm (hex)

Product	SKU
NEUTRIK NBTC75BFI4 REAR TWIST ON BNC PLUG 179DT	BA-65-3179

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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Neutrik NBTC75BF14 Rear Twist on BNC Plug 179DT

Technical Specification

Neutrik NBTC75BF14 Rear Twist on BNC Plug 179DT Specification

Connection type: BNC 75 Ω	Mechanical
Gender: male	Cable O.D.: 2.9 mm
Electrical	Cable retention: > 30 N (Center)
Contact resistance: ≤ 3 m Ω (inner)	Crimp dimensions: 4.06 Hex crimp (shield) 1.6 Square crimp (pin)
Contact resistance: ≤ 2 m Ω (outer)	Insertion force: < 25 N
Dielectric strength: 0.75 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: ≤ 1.10 / > 26 dB up to 1 GHz ≤ 1.14 / > 24 dB up to 2 GHz ≤ 1.22 / > 20 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 [®]