



# Product Data Sheet

Neutrik NBNC75BTU11 BNC Plug 1694A/Image 1000

## Description



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 colour coding.

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

Product	SKU
NEUTRIK NBNC75BTU11 BNC PLUG 1694A/IMAGE 1000	BA-65-5133

## 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  $\Omega$  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 colour coded boots in 10 standard colours, crimp tool and dies



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## Technical Specification

### Neutrik NBNC75BTU11 BNC Plug 1694A/Image 1000 Specification

<b>Connection type:</b> BNC 75 $\Omega$	<b>Mechanical</b>
<b>Gender:</b> male	<b>Cable O.D.:</b> 7.3 mm
<b>Electrical</b>	<b>Cable retention:</b> > 30 N (Center)
<b>Contact resistance:</b> $\leq$ 3 m $\Omega$ (inner)	<b>Crimp dimensions:</b> 7.36 Hex crimp (shield) 1.6 Square crimp (pin)
<b>Contact resistance:</b> $\leq$ 2 m $\Omega$ (outer)	<b>Insertion force:</b> < 25 N
<b>Dielectric strength:</b> 1.5 kVdc	<b>Lifetime:</b> > 1000 mating cycles
<b>Impedance:</b> 75 $\Omega$	<b>Locking device:</b> Bayonett
<b>Insulation resistance:</b> > 5 G $\Omega$	<b>Cable anchoring:</b> Jacket crimping
<b>Rated voltage:</b> < 50 V	<b>Material</b>
<b>VSWR:</b> $\leq$ 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	<b>Contacts:</b> Brass: (CuZn35Pb2), 0.2 $\mu$ m AuCo (center contact)
<b>Environmental</b>	<b>Insert:</b> PTFE
<b>Temperature range:</b> -30 $^{\circ}$ C to +85 $^{\circ}$ C	<b>Shell:</b> Brass (CuZn39Pb3)
<b>Contact crimpability:</b> Complies with IEC 60803 and IEC 60352-2	<b>Shell plating:</b> Optalloy <sup>®</sup>