



NBLC75BSX14

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The rearTWIST HD Large BNC cable connector is designed for large cable diameters as used on long runs and high data rates (HD).

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.

Suitable cable:

Draka 1.4/6.6 AF, Percon VK8, Tesca Massimo

Crimp size:

Pin: 1.75 mm (hex)

Shield: 9.73 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 crimp tool and dies

Technical Information

Product	
Title	NBLC75BSX14
Connection Type	BNC 75 Ω
Gender	male

Electrical	
Contact resistance	≤ 3 mΩ (inner)
Contact resistance	≤ 2 mΩ (outer)
Dielectric strength	1,5 kVdc
Impedance	75 Ω
Insulation resistance	> 5 GΩ
Rated voltage	<50 V
VSWR	≤1.050/>32 dB up to 1 GHz ≤1.065/>30 dB up to 2 GHz ≤1.100/>26 dB up to 3 Ghz

Mechanical

Cable O.D.	9.5 mm
Cable retention	> 30 N (Center)
Crimp size	9,73 Hex crimp (shield) acc. IEC 60803 (die designation H)
Crimp size (pin)	1,75 Hex crimp (pin) acc. IEC 60803 (die designation X)
Insertion force	< 25 N
Lifetime	> 1000 mating cycles
Wiresize	
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