



## NBNC75BGG7

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 color coding.

Suitable cable:

Canare V(3-5)-3C

Crimp size:

Pin: 1.6 mm (square)

Shield: 5.0 mm (hex)

### Features & Benefits

- “rearTWIST Principle” locking/unlocking using the easily accessible soft touch boot (Patent DE 100 48507)
- True 75  $\Omega$  design meets the stringent HDTV / DVD requirements
- Snug-fit center pin insert provides tactile feedback
- Excellent cable protection and retention
- Accessories include color coded boots in 10 standard colors, crimp tool and dies
- 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.
- Leading area: Avoids tilting due to side forces to protect contacts from deformation. Guarantees a lifetime of min. 1000 mating cycles!
- Shield and jacket crimp technology prevents the problem of an exposed grounding braid on cable assemblies
- Precise Swiss machined brass parts for outstanding durability

## Technical Information

Product	
<b>Title</b>	NBNC75BGG7
<b>Connection Type</b>	BNC 75 Ω
<b>Gender</b>	male

Electrical	
<b>Contact resistance</b>	≤ 3 mΩ (inner)
<b>Contact resistance</b>	≤ 2 mΩ (outer)
<b>Dielectric strength</b>	1,5 kVdc
<b>Impedance</b>	75 Ω
<b>Insulation resistance</b>	> 5 GΩ
<b>Rated voltage</b>	<50 V
<b>VSWR</b>	≤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.	4.7 mm
Cable retention	> 30 N (Center)
Crimp size	5 Hex crimp (shield) acc. MIL22520/5-43(B)
Crimp size (pin)	1,6 Square crimp (pin) acc. IEC 60803 (die designation 2)
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