



## NBNC75BWS11

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 cables:

Canare V(3-5)-5CFB, Canford SDV-L, Canford SDV-F, Cordial CVI 10-48 HD-FRNC, Fuzion SD-1-LL

### Crimp size:

Pin: 1.6 mm (square)

Shield: 7.01 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	
Title	NBNC75BWS11
Connection Type	BNC 75 $\Omega$
Gender	male

Electrical	
Contact resistance	$\leq 3 \text{ m}\Omega$ (inner)
Contact resistance	$\leq 2 \text{ m}\Omega$ (outer)
Dielectric strength	1,5 kVdc
Impedance	75 $\Omega$
Insulation resistance	$> 5 \text{ G}\Omega$
Rated voltage	$< 50 \text{ V}$
VSWR	$\leq 1.050 / > 32 \text{ dB}$ up to 1 GHz $\leq 1.065 / > 30 \text{ dB}$ up to 2 GHz $\leq 1.100 / > 26 \text{ dB}$ up to 3 GHz

<b>Mechanical</b>	
<b>Cable O.D.</b>	6.9 mm
<b>Cable retention</b>	> 30 N (Center)
<b>Crimp size</b>	7,01 Hex crimp (shield) acc. IEC 60803 (die designation F)
<b>Crimp size (pin)</b>	1,6 Square crimp (pin) acc. IEC 60803 (die designation 2)
<b>Insertion force</b>	< 25 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Wiresize</b>	
<b>Locking device</b>	Bayonett
<b>Cable anchoring</b>	Jacket crimping

<b>Material</b>	
<b>Contacts</b>	Brass (CuZn35Pb2), 0.2 µm AuCo (Center contact)
<b>Insert</b>	PTFE
<b>Shell</b>	Brass (CuZn39Pb3)
<b>Shell plating</b>	Optalloy®

<b>Environmental</b>	
<b>Temperature range</b>	-30 °C to +85 °C
<b>Contact crimpability</b>	Complies with IEC 60803 and IEC 60352-2