



NBNC75BFG7

The rearTWISTHD BNC cable connector offers a true 75 Ω design and is perfectly suitable for HD applications.

The patented rearTWISTboot guarantees easy access even in high density applications and offers color coding.

Suitable cables:

Argosy Image 360, Belden 1855ENH, Bryant BD SD01, CAE HD0628LSZH, Canford SDV, Canford SDV-LFH, Canford SDV-X-LFH, Cordial CVI06-28, Cordial CVI06-28HD, Cordial CVI06-28HD-FRNC, Cordial CVI3-7, Draka 0.6/2.8 AF, Draka 0.6 L/2.8 AF, Extron BNC-5RC, Fuzion SD-1, Klotz V06/28, Klotz VMXx75Y, Kabeltronik HFV0.6/2.8 AF-FRNC, Kabeltronik MVP 5x 0.6/2.8 AF-FRNC, Nexans HF 75 0,6/2,9 02YS(ST)CH, Percon VK5, Quadtronics CABPGHD70MW-500, Sommer 600-0101M, Sommer 600-0104M, Tesca Supra

Crimp size:

Pin: 1.6 mm (square)

Shield: 5.0 mm (hex)

Features & Benefits

- “rearTWISTPrinciple” locking/unlocking using the easily accessible soft touch boot (Patent DE 100 48507)
- True 75 Ω 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	NBNC75BFG7
Connection Type	BNC 75 Ω
Gender	male

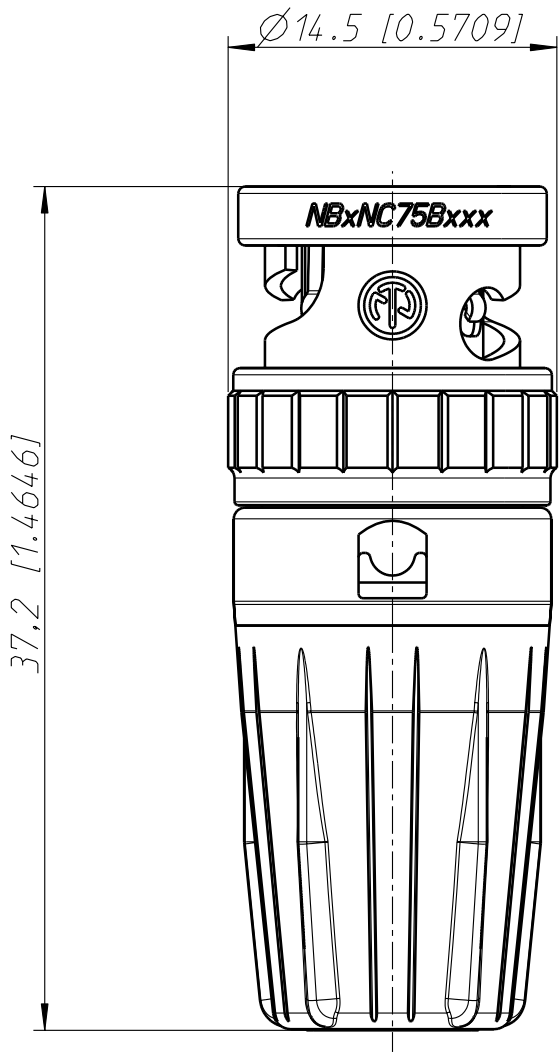
Electrical	
Contact resistance	$\leq 3 \text{ m}\Omega$ (inner)
Contact resistance	$\leq 2 \text{ m}\Omega$ (outer)
Dielectric strength	1,5 kVdc
Impedance	75 Ω
Insulation resistance	$> 5 \text{ G}\Omega$
Rated voltage	$< 50 \text{ V}$
VSWR	$\leq 1.050 / > 32 \text{ dB}$ up to 1 GHz $\leq 1.065 / > 30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

Mechanical	
Cable O.D.	4.7 mm
Cable retention	$> 30 \text{ N}$ (Center)
Crimp size	5 Hex crimp (shield) acc. MIL22520/5-43(B)
Crimp size (pin)	1,6 Square crimp (pin) acc. IEC60803 (die designation 2)
Insertion force	$< 25 \text{ N}$
Lifetime	> 1000 mating cycles
Wiresize	
Locking device	Bayonett
Cable anchoring	Jacketcrimping

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 IEC60803 and IEC60352-2

NBNC75B



Allgemeintoleranzen ISO 2768-m	Werkstoff -	Massstab: 3:1 (A4)		Datum	Name
			Gezeichnet	12.04.00	Ganahl
			Freigegeben	-	-
Zeichnung urheberrechtlich geschuetzt (DIN 34) (C)	-		Geaendert	-	-
Benennung			Aend.-Nr.		Aend.-Index
NBNC 75B			-		-
Rear Twist BNC			Ersatz fuer: 3102ST2502		Blatt 1 von 1 Bl.
NEUTRIK AG FL-9494 SCHAAN			Zeichn. Nr. ST-NBNC 75B		