BNC Connectors

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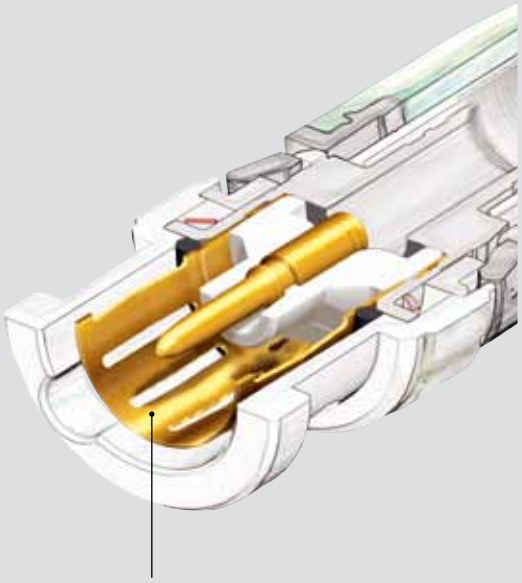
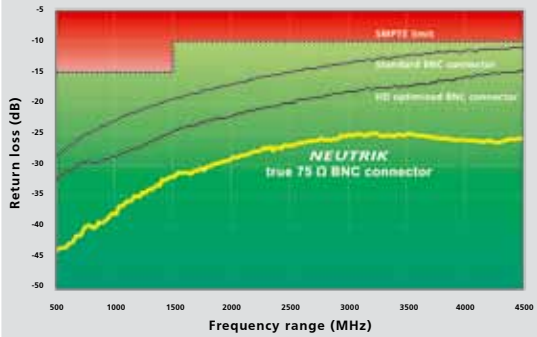
NEUTRIK®
75 Ω BNC Connectors

Neutrik offers a variety of 75 Ω cable and chassis BNC connectors. The rearTWIST cable connectors are easy to handle in high density applications such as video patchbays and switches, provide a tactile and fast assembly and offer colour coding as a standard. All parts of our BNC series are precisely machined to our high quality standards.



Gold plated ground contact with improved shielding effectiveness optimized for high frequency HDTV signal up to 4.5 GHz.



For further technical information and the Neutrik BNC White Paper please refer to www.neutrik.com.

True 75 Ω HDTV Connectors

With the introduction of HD signals the impedance of BNC connectors becames more important than ever. Every deviate impedance has a negative influence on the "return loss" / "VSWR" (Voltage Standing Wave Ratio) which are important measurements for reflected signals in a transmission line. Especially on high frequencies – as they occur when transmitting HD signals an impedance mismatch results in a lot of return loss.

Neutrik´s BNC connectors feature a true 75Ω design that meet the stringent requirements of HDTV and sustain a consistent impedance at high frequencies up to 4.5 GHz. To achieve this result every Neutrik BNC connector has been adapted to the measurements of a small group of cables, this guarantees the best possible performance and a little return loss.

The higher the frequencies the more pronounced is the „skin effect", which means that the energy moves to the outside of the conductor. Therefore the plating of outer and center contact is more important than on audio connectors with low frequencies – both contacts of our BNC connectors are gold plated.

Neutrik® BNCs – enhanced high frequency shielding!

In times of rising frequencies the connector shielding becomes to an important value in order to avoid EMI problems and crosstalking. Neutrik BNC's take this fact into account and has been equipped with an optimized ground contact design for maximum shielding effectiveness.

Bayonet locking

Gold plated contacts

Female cable jack

rearTWIST (Standard, Large & Tiny) and Cable Jacks

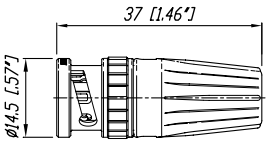
NBTC75BLI4

NBNC75BLP7

NBNB75GLP9

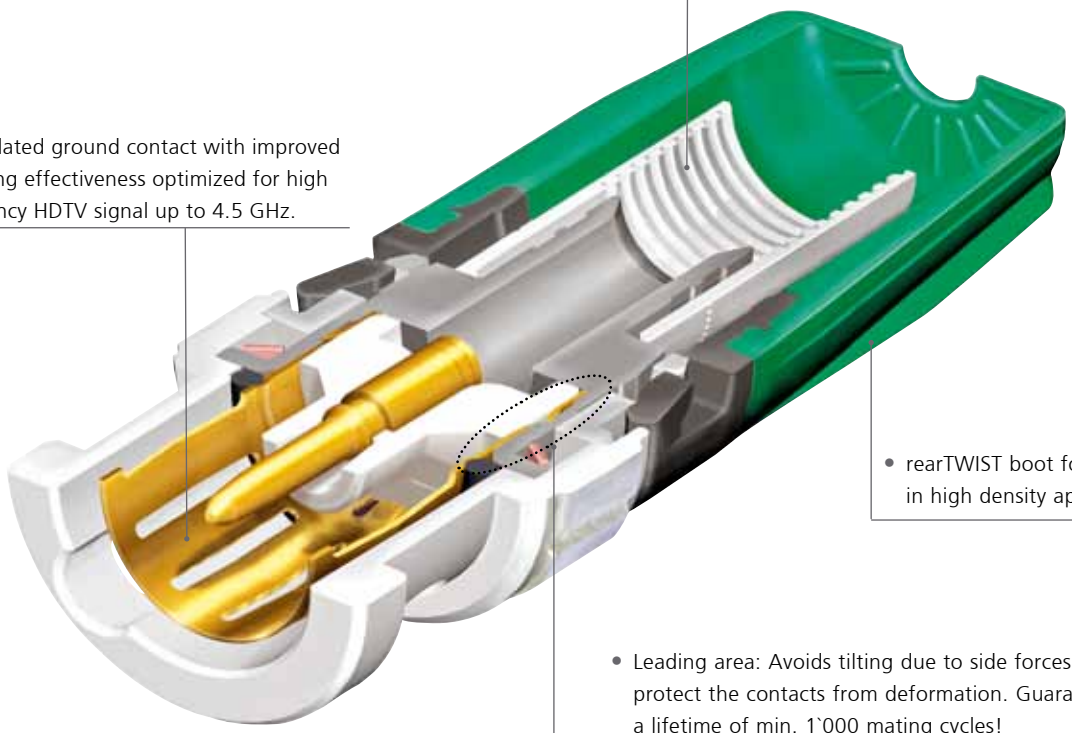
NBTB75CFI4

- "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
- 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
- Large version for RG 11 cable
- Precise Swiss machined brass parts for outstanding durability
- Accessories include color coded boots in 10 standard colors, crimp tool and dies
- Sleek female cable jack e.g. for Y-cables
- Mountable panel version of cable jack for fixed installations



Features & Benefits

- Screen and cable jacket crimp instead of screen crimp only.
  Grooved inner surface holds the cable jacket to prevent tearing braids.
- Gold plated ground contact with improved shielding effectiveness optimized for high frequency HDTV signal up to 4.5 GHz.



- rearTWIST boot for easy access in high density applications.
- Leading area: Avoids tilting due to side forces to protect the contacts from deformation. Guarantees a lifetime of min. 1`000 mating cycles!

Neutrik BNC:
no tilting due to side pull

Other BNC

	rearTWIST	rearTWIST Tiny	Cable Jack Tiny	Cable Jack Panel	Hex Crimp in mm	Stripping Tool			
									+ CS-BNC-TCI
								CS-BNC-LCV	
							CS-BNC-LCS		
						CS-BNC-RT			
Belden									
1277R, 1278R, 1279R		NBTC75BNN5			4.53	●	-	-	●
1406B, 1407B, 1417B		NBTC75BVV5			5.00	●	-	-	●
1426A, 1505A (ANH)	NBNC75BLP9			NBNB75GLP9	6.47	●	-	-	-
1505F	NBNC75BJP9				6.47	●	-	-	-
1506A	NBNC75BIJ9				5.41	●	-	-	-
1520A, 1521A, 1522A, 179DT		NBTC75BFI4	NBTB75CFI4		4.06	●	-	-	-
1694A (ANH)	NBNC75BTU11				7.36	●	-	-	-
1694F	NBNC75BRU11				7.36	●	-	-	-
1695A	NBNC75BQP11				6.47	●	-	-	-
1855A	NBNC75BDD6				4.53	●	-	-	-
1865A		NBTC75BXX6			5.00	●	-	-	-
1855ENH	NBNC75BFG7				5.00	●	-	-	-
7731A (ANH)	NBLC75BVZ17				9.73	-	-	●	-
8218		NBTC75BXX5			5.00	●	-	-	●
8241	NBNC75BLP7				6.47	●	-	-	-
8241F	NBNC75BLP9			NBNB75GLP9	6.47	●	-	-	-
8281	NBNC75BXY9				8.23	●	-	-	-
8281F	NBNC75BYY9				8.23	●	-	-	-
9221		NBTC75BLI4			4.06	●	-	-	-
1794A	NBNC75BZV14				8.23	●	-	-	-
CANARE									
L-3CFB	NBNC75BHK7				5.41	●	-	-	-
L-4CFB	NBNC75BLP9			NBNB75GLP9	6.47	●	-	-	-
L-5CFB	NBNC75BYY11				8.23	●	-	-	-
LV-61S	NBNC75BLP7				6.47	●	-	-	-
LV-77S	NBNC75BYY9				8.23	●	-	-	-
V(3-5)-3C	NBNC75BGG7				5.00	●	-	-	-
V(3-5)-4CFB	NBNC75BJJ9				5.41	●	-	-	-
V(3-5)-5C	NBNC75BRS9				7.01	●	-	-	-
V(3-5)-5CFB	NBNC75BWS11				7.01	●	-	-	-
L-1.5C2VS		NBTC75BLI4			4.06	●	-	-	-
COMMSCOPE									
2065V	NBNC75BIJ9				5.41	●	-	-	-
2279V	NBNC75BQP11				6.47	●	-	-	-
5563	NBNC75BLP7				6.47	●	-	-	-
5565	NBNC75BLP9			NBNB75GLP9	6.47	●	-	-	-
5765	NBNC75BTU11				7.36	●	-	-	-
7536 (03-05)		NBTC75BXX6			5.00	●	-	-	-
7538	NBNC75BDD6				4.53	●	-	-	-
CANFORD									
SDV-M	NBTB75CNN5				4.53	●	-	-	-
SDV, SDV-X, SDM	NBNC75BFG7				5.00	●	-	-	-
SDV-L, SDV-F	NBNC75BWS11				7.01	●	-	-	-
SDV-HD	NBLC75BVZ17				9.73	●	-	-	-
SDV-F-HD	NBNC75BWU13				7.36	●	-	-	-
VCS (BBC PSF1/3)	NBNC75BLS7				7.01	●	-	-	-

	rearTWIST	rearTWIST Tiny	Cable Jack Tiny	Cable Jack Panel	Hex Crimp in mm	Stripping Tool			
							+ CS-BNC-TCI	CS-BNC-LCV	CS-BNC-LCS	CS-BNC-RT
DRAKA MULTIMEDIA CABLE										
0.31 / 1.45 AF, 753-1304(2), 755-1302		NBTC75BFI4	NBTB75CFI4		4.06	●	-	-	-
0.41 / 1.9 AF, 753-1104, 755-1103, 755-1101		NBTC75BNN5	NBTB75CNN5		4.53	●	-	-	-
0.51 / 2.3 Dz, 757-1001, VADN 7243		NBTC75BVX6			5.00	●	-	-	-
0.6 / 2.8 AF, 0.6 L / 2.8 AF	NBNC75BFG7				5.00	●	-	-	-
0.6 / 3.7, 0.6L / 3.7	NBNC75BLP7				6.47	●	-	-	-
0.6 / 3.7 Dz	NBNC75BLS7				7.01	●	-	-	-
0.8 / 3.7 AF, 755-801(803, 804)	NBNC75BLP9			NBNB75GLP9	6.47	●	-	-	-
0.8 / 4.9 Dz	NBNC75BXY9				8.23	●	-	-	-
1.0 / 4.8 AF, 755-901/5	NBNC75BUU11			NBNB75GUU11	7.36	●	-	-	-
1.2L / 4.8Dz, 1.2L / 4.95AF	NBNC75BWU13				7.36	●	-	-	-
1.4 / 6.6 AF	NBLC75BSX14				9.73	-	●	-	-
1.6 / 7.3AF	NBLC75BVZ17				9.73	-	-	●	-
SUHNER										
G02233		NBTC75BFI4	NBTB75CFI4		4.06	●	-	-	●
G04233D	NBNC75BLS7				7.01	●	-	-	-
S02223		NBTC75BLI4			4.06	●	-	-	-
S04233, S04263	NBNC75BLP9			NBNB75GLP9	6.47	●	-	-	-
S05133-07	NBNC75BTU11				7.36	●	-	-	-
S05163-02	NBNC75BTU11				7.36	●	-	-	-
Percon										
VK2 FRLS NUEVA		NBTC75BNN5			4.53	●	-	-	●
VK5	NBNC75BFG7				5.00	●	-	-	-
VK6	NBNC75BLP9				6.47	●	-	-	-
VK7	NBNC75BUU11				7.36	●	-	-	-
VK77 PTC NUEVA	NBNC75BTU11				7.36	●	-	-	-
VK770F ENH+	NBNC75BWU13				7.03	●	-	-	-
VK8 1.4 FRLSHF NUEVA	NBLC75BSX14				9.73	-	-	●	-
VK9 1.6 FRLSHF NUEVA	NBLC75BVZ17				9.73	-	-	●	-
VK95 PTC NUEVA	NBNC75BLP7				6.47	●	-	-	-
Van Damme										
268-175-000	NBNC75BUU11				7.36	●	-	-	-
268-275-000	NBNC75BJP9				6.47	●	-	-	-
268-475-000	NBNC75BTU11				7.36	●	-	-	-
268-675-000	NBNC75BTU11				7.36	●	-	-	-
278-475-000	NBLC75BVZ17				9.73	-	-	●	-
278-175-000	NBNC75BUU11				7.36	●	-	-	-
278-975-000	NBNC75BLP9				6.47	●	-	-	-
278-775-000		NBTC75BSS5			4.53	●	-	-	●
278-075-000	NBNC75BFG7				5.00	●	-	-	-
278-075-006	NBNC75BFG7				5.00	●	-	-	-
278-375-000	NBNC75BUU11				7.36	●	-	-	-

OTHERS

	rearTWIST	rearTWIST Tiny	Cable Jack Tiny	Cable Jack Panel	Hex Crimp in mm	Stripping Tool			
									+ CS-BNC-TCI
								CS-BNC-LCV	
							CS-BNC-LCS		
						CS-BNC-RT			
AT&T 735		NBTC75BSS5			4.53	●	-	-	●
COMM-TEC RGBHV		NBTC75BSS5			4.53	●	-	-	●
Argosy Image 360	NBNC75BFG7				5.00	●	-	-	-
Argosy Image 720	NBNC75BLP9				6.47	●	-	-	-
Argosy Image 1000	NBNC75BUU11			NBNB75GUU11	7.36	●	-	-	-
BBC PSF 1/3*	NBNC75BLS7				7.01	●	-	-	-
BESCA France - Bengat		NBTC75BNS4			4.53	●	-	-	-
CAE MC75		NBTC75BLI5	NBTB75CLI5		4.06	●	-	-	-
CAE MC75.39		NBTC75BVX6			5.00	●	-	-	-
CAE KX6A	NBNC75BLP7				6.47	●	-	-	-
CAE VCB75	NBNC75BNP9				6.47	●	-	-	-
CAE VCB 100	NBNC75BXU13				7.36	●	-	-	-
Cordial CVI 3-7	NBNC75BFG7				4.53	●	-	-	-
Cordial CVI 06-28	NBNC75BFG7				5.00	●	-	-	-
Cordial CVI (CVM) 06-37	NBNC75BLP7				6.47	●	-	-	-
COVID CVD 1300-1500		NBTC75BLI5	NBTB75CLI5		4.06	●	-	-	-
Eupen 705 CRT 5V-HS	NBNC75BTS11				7.36	●	-	-	-
Extron BNC-5HR		NBTC75BNN5	NBTB75CNN5		4.53	●	-	-	-
Extron BNC-5RC	NBNC75BFG7				5.00	●	-	-	-
Fuzion SD-1	NBNC75BFG7				5.00	●	-	-	-
Fuzion SD-1-LL	NBNC75BWS11				7.01	●	-	-	-
GEPCO VPM2000	NBNC75BLP9			NBNB75GLP9	6.47	●	-	-	-
GEPCO VSD2001	NBNC75BTU11				7.36	●	-	-	-
Helix 734	NBNC75BNP9				6.47	●	-	-	-
Helix 735		NBTC75BSS5			4.53	●	-	-	-
Hirschmann KOKA 712Cu	NBNC75BTS9				6.47	●	-	-	-
Kansai 3C-5S	NBNC75BFH6				5.00	●	-	-	-
KLOTZ V06/28, VMXx75Y	NBNC75BFG7				5.00	●	-	-	-
KLOTZ V06/37	NBNC75BLP7				6.47	●	-	-	-
KLOTZ V10/48	NBNC75BUU11			NBNB75GUU11	7.36	●	-	-	-
KLOTZ V16/72	NBLC75BVZ17				9.73	●	-	-	-
KROSCHU (341 270, 341 280)			NBTC75BLI4		4.06	●	-	-	-
Nexans HF 75 0.6/2.9 02YS(ST)CH	NBNC75BFG7				5.00	●	-	-	-
Nexans HF 75 1.6/7.2 02Y(ST)C(ST)H	NBNC75BVZ17				9.73	●	-	-	-
Nexans HF 75 0.6/3.7 2YCY	NBNC75BLP7				6.47	●	-	-	-
Proel HPC 805	NBNC75BLP7				6.47	●	-	-	-
Proel HPC 810	NBNC75BLP9				6.47	●	-	-	-
Proel HPC 820	NBNC75BFH6				5.00	●	-	-	-
RG11	NBLC75BVZ17				9.73	-	-	●	-
RG59B/U	NBNC75BLP7				6.47	●	-	-	-
RG179B/U		NBTC75BLI4			4.06	●	-	-	●
SOMMER 600-0051 (M/L/S)	NBNC75BLP7				6.47	●	-	-	-
SOMMER 600-0054 (M/L/S)	NBNC75BLP7				6.47	●	-	-	-
SOMMER 600-0101M	NBNC75BFG7				5.00	●	-	-	-
SOMMER 600-0104M	NBNC75BFG7				5.00	●	-	-	-
SOMMER 600-162(F)	NBNC75BLP9				6.47	●	-	-	-
SOMMER 600-025* -03 (05)		NBTC75BLI5	NBTB75CLI5		4.06	●	-	-	-
SOMMER 600-0701		NBTC75BLI5	NBTB75CLI5		4.06	●	-	-	-
SOMMER 600-020* -03 (05)		NBTC75BLI5	NBTB75CLI5		4.06	●	-	-	-
SOMMER 600-0451	NBNC75BLP9			NBNB75GLP9	6.47	●	-	-	-
SOMMER 600-0751		NBTC75BVX6			5.00	●	-	-	-
Wisi MK 99A	NBNC75BWS12				7.01	●	-	-	
ZNK CM14B		NBTC75BFI4	NBTB75CFI4		4.06	●	-	-	-
Van Damme 278 975	NBNC75BLP9				6.47	●	-	-	-
Van Damme 268 475	NBNC75BTU11				7.36	●	-	-	-
Van Damme 278 475	NBLC75BVZ17				9.73	-	-	●	-
Van Damme 278 775		NBTC75BSS5			4.53	●	-	-	●
Van Damme 268 175	NBNC75BUU11				7.36	●	-	-	-
Van Damme 268 275 / 268 306	NBNC75BLP9				6.47	●	-	-	-
Van Damme 268 408		NBTC75BFI4			4.06	●	-	-	●

* Registered trademark of BBC

	Inner Conductor	Insulator	Cable O.D. in mm	Pin crimp mm (square)	Hex crimp mm	Stripping Tool			
						CS-BNC-RT	CS-BNC-LCS	CS-BNC-LCV	+ CS-BNC-TCI
rearTWIST									
NBLC75BVZ17	< 1.7	< 8.0	< 10.4	1.75 (Hex crimp)	9.73	-	-	●	-
NBLC75BSX14	< 1.4	< 6.6	< 9.5	1.75 (Hex crimp)	9.73	-	-	●	-
NBNC75BDD6	< 0.6	< 2.8	< 4.3	1.6	4.53	●	-	-	-
NBNC75BFG7	< 0.7	< 3.1	< 4.7	1.6	5.00	●	-	-	-
NBNC75BFH6	< 0.6	< 3.1	< 4.9	1.6	5.00	●	-	-	-
NBNC75BGG7	< 0.7	< 3.2	< 4.7	1.6	5.00	●	-	-	-
NBNC75BHK7	< 0.7	< 3.3	< 5.6	1.6 (or 1.75 Hex)	5.41	●	-	-	-
NBNC75BIJ9	< 0.9	< 3.6	< 5.3	1.6	5.41	●	-	-	-
NBNC75BJJ9	< 0.9	< 3.8	< 5.3	1.6	5.41	●	-	-	-
NBNC75BJP9	< 0.9	< 3.8	< 6.3	1.6	6.47	●	-	-	-
NBNC75BLP7	< 0.7	< 3.8	< 6.3	1.6	6.47	●	-	-	-
NBNC75BLP9	< 0.9	< 3.8	< 6.3	1.6	6.47	●	-	-	-
NBNC75BLS7	< 0.7	< 3.8	< 6.9	1.6	7.01	●	-	-	-
NBNC75BNP9	< 0.9	< 4.1	< 6.3	1.6	6.47	●	-	-	-
NBNC75BQP11	< 1.1	< 4.5	< 6.3	1.6	6.47	●	-	-	-
NBNC75BRS9	< 0.9	< 4.8	< 6.9	1.6	7.01	●	-	-	-
NBNC75BTS9	< 0.9	< 4.7	< 6.9	1.6	7.01	●	-	-	-
NBNC75BTS11	< 1.1	< 4.7	< 6.9	1.6	7.01	●	-	-	-
NBNC75BTU11	< 1.1	< 4.7	< 7.3	1.6	7.36	●	-	-	-
NBNC75BTU13	< 1.3	< 4.7	< 7.3	1.6	7.36	●	-	-	-
NBNC75BUU11	< 1.1	< 4.9	< 7.3	1.6	7.36	●	-	-	-
NBNC75BRU11	< 1.1	< 4.7	< 7.3	1.6	7.36	●	-	-	-
NBNC75BWS11	< 1.1	< 5.1	< 6.9	1.6	7.01	●	-	-	-
NBNC75BWS12	< 1.2	< 5.1	< 6.9	1.6	7.01	●	-	-	-
NBNC75BWU13	< 1.4	< 5.1	< 7.3	1.6	7.36	●	-	-	-
NBNC75BXU13	< 1.4	< 5.3	< 7.3	1.6	7.36	●	-	-	-
NBNC75BXY9	< 0.9	< 5.3	< 8.0	1.6	8.23	●	-	-	-
NBNC75BYY9	< 0.9	< 5.2	< 8.0	1.6	8.23	●	-	-	-
NBNC75BYY11	< 1.1	< 5.2	< 8.0	1.6	8.23	●	-	-	-
NBNC75BZV14	< 1.4	< 5.2	< 8.0	1.6 (or 1.75 Hex)	8.23	●	-	-	-
rearTWIST TINY									
NBTC75BFI4	< 0.4	< 1.6	< 2.9	1.6	4.06	●	-	-	●
NBTC75BLI4	< 0.4	< 1.8	< 2.9	1.6	4.06	●	-	-	●
NBTC75BLI5	< 0.5	< 1.8	< 2.9	1.6	4.06	●	-	-	●
NBTC75BNN5	< 0.5	< 2.0	< 3.1	1.6	4.53	●	-	-	●
NBTC75BNS4	< 0.4	< 2.0	< 3.5	1.6	4.53	●	-	-	●
NBTC75BSS5	< 0.5	< 2.3	< 3.4	1.6	4.53	●	-	-	●
NBTC75BVV5	< 0.5	< 2.5	< 3.8	1.6	5.00	●	-	-	●
NBTC75BVX6	< 0.6	< 2.5	< 4.0	1.6	5.00	●	-	-	●
NBTC75BXX5	< 0.5	< 2.6	< 4.0	1.6	5.00	●	-	-	●
NBTC75BXX6	< 0.6	< 2.6	< 4.0	1.6	5.00	●	-	-	●
CABLE JACKS (TINY & PANEL VERSION)									
NBTB75CFI4	< 0.4	< 1.6	< 2.9	1.6	4.06	●	-	-	●
NBTB75CNN5	< 0.5	< 2.0	< 3.1	1.6	4.53	●	-	-	●
NBTB75CLI5	< 0.5	< 1.8	< 2.9	1.6	4.06	●	-	-	●
NBNB75GLP9	< 0.9	< 3.8	< 6.3	1.6	6.47	●	-	-	●
NBNB75GUU11	< 1.1	< 4.9	< 7.3	1.6	7.36	●	-	-	●
NBNB75ILP9	< 0.9	< 3.8	< 6.3	1.6	6.47	●	-	-	●
NBNB75IUU11	< 1.1	< 4.9	< 7.3	1.6	7.36	●	-	-	●

D-shape metal housing

Gold plated center pin

BNC Chassis & Cable Jacks Panel Version

Bulkhead Jacks - NBB75FG

NBB75DFG

NBB75DFGB

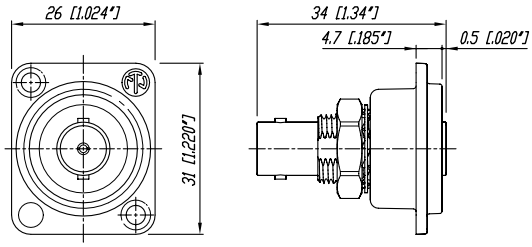
Cable jacks Panel Version – NBB75SI

- True 75 Ω design meets the stringent HDTV / DVD requirements
- Isolated or grounded versions
- "D" shaped housing (provides flush mounting and protection of the jacks from damage) or single feed through mountings
- Gold plated center contact

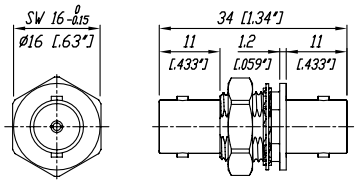
New cage type contact on BNC feed through connectors

- Closed contact design – extremely rugged
- Gold plated cage type clip – best possible shielding and lowest contact resistance

NBB75DFG



NBB75FI



Ordering Information

	Nickel housing	Black housing
Bulkhead jack, D-shape housing, feed through, grounded	NBB75DFG	NBB75DFGB
Bulkhead jack, D-shape housing, feed through, isolated	NBB75DFI	NBB75DFIB
Bulkhead jack, D-shape housing, solder version, grounded	NBB75DSG	NBB75DSGB
Bulkhead jack, D-shape housing, solder version, isolated	NBB75DSI	NBB75DSIB
Bulkhead jack, feed through, grounded	NBB75FG	
Bulkhead jack, feed through, isolated	NBB75FI	
Bulkhead jack, solder version, including isolationwashers	NBB75SI	
Coupler, feed through	NBB75FA	

Specifications		rearTWIST & rearTWIST Large & Cable Jack Panel	rearTWIST Tiny & Cable Jack Tiny	Bulkheads & Coupler
Electrical				
Impedance	75 Ω	●	●	●
Rated voltage	500 V ac rms	●	250 V ac rms	●
Insulation resistance	> 5 GΩ	●	●	●
Dielectric withstanding voltage	1'500 V ac rms	●	750 V ac rms	●
VSWR / Return Loss	≤ 1.050 / > 32 dB up to 1 GHz	●	≤ 1.10 / > 26 dB up to 1 GHz	≤ 1.03 / > 37 dB up to 1 GHz
	≤ 1.065 / > 30 dB up to 2 GHz	●	≤ 1.14 / > 24 dB up to 2 GHz	≤ 1.05 / > 32 dB up to 2 GHz
	≤ 1.100 / > 26 dB up to 3 GHz	●	≤ 1.22 / > 20 dB up to 3 GHz	≤ 1.08 / > 28 dB up to 3 GHz
Inner contact resistance	≤ 3 mΩ (initial)	●	●	●
Outer contact resistance	≤ 2 mΩ (initial)	●	●	●
Mechanical				
Cable anchoring	Jacket crimping	●	●	N / A
Cable O.D. range	mm	4.0 - 7.7	2.5 - 3.8	N / A
- Rear Twist Large	mm	10.3	-	-
Center contact retention	> 30 N	●	●	-
Engagement force	< 25 N	●	●	●
Lifetime	1`000 mating cycles	●	●	●
Material				
Shell	Brass (CuZn39Pb3), Optalloy coated	●	●	●
	PA6 (Push Pull only)	N / A	N / A	N / A
D-Shape housing:	Zinc diecast (ZnAl4Cu1) gal Ni or black Cr platin	N / A	N / A	NBB75D*
Ground contact				
	Bronze (CuSn6), 0.2 µm AuCo over 2 µm NiP15	●	●	-
	Brass (CuZn39Pb3), OPTALLOY coated	-	-	●
Center contact				
	Brass (CuZn35Pb2), 0.2 µm AuCo or	●	●	-
	Brass (CuZn39Pb3), 0.2 µm AuCo	-	-	●
Insulator	Teflon PTFE	●	●	●
Chuck	Polyacetal POM	N / A	N / A	N / A
Insulation Shell	Polyacetal POM	N / A	N / A	●
Environmental				
Temperature range	-30 °C to +85 °C	●	●	●
Solderability complies with	IEC 68-2-20	●	●	N / A
Contact crimpability complies with	IEC 60803 and IEC 60352-2	●	●	N / A

Center Contact

I.D. in mm	Materials	Plating	Coding Ring (# of rings on base of contact)
0.4	Brass (CuZn39Pb3)	2 µm AuCo	0
0.5	●	●	5
0.6	●	●	1
0.7	●	●	2
0.9	●	●	3
1.1	●	●	6
1.2	●	●	4
1.7	●	●	0
1.4	●	●	5

Colour Coded Accessories and Seals


BST-BNC-*


DSS-*


SCF


SCDX

SCCD-W


SCDP-*

BST-BNC-*	Standard boot for the rearTWIST BNCs in black, 9 different colors available
DSS-*	Lettering plate for D Shape bulkheads.
SCF	Rubber sealing cover to protect the connector agains dust and moisture
SCDP-*	D-Size sealing gaskets, color coding (*: 0- black, 2- red, 4- yellow, 5- green, 6- blue, 9- white)
SCDX	Hinged cover seals D-size chassis connectors, IP 42 rated
SCCD-W	Spring-loaded cover to seals for D-size chassis connectors, IP 65 rated
NZP1RU-8	Panel 1RU housing for 8 D-shape cutouts
NZP1RU-12	Panel 1RU housing for 12 D-shape cutouts
	*: 0 - Black, 1- Brown, 2 - Red, 3 - Orange, 4 - Yellow, 5 - Green, 6 - Blue, 7 - Violet, 8 - Grey, 9 - White

Assembly Tools


CAS-BNC-T


CS-BNC-RT


HX-R-BNC


HX-BNC


PT-BNC


DIE-R-BNC-*


DIE-BNC-*

CAS-BNC-T	BNC tool case equipped with HX-R-BNC, PT-BNC: Plier tool, CS-BNC-RT: Stripping tool Note: Dies have to be ordered separately	DIE-R-BNC-*	Crimp tool die for pin and shield for HX-R-BNC
		HT-BNC	Spanner tool for the pushPULL BNCs
		HX-BNC	Crimp tool, frame (heavy duty)
CS-BNC-RT	Coax cable stripper for cable O.D. 2.5 – 8 mm	HX-R-BNC	Crimp tool, frame
CS-BNC-LCS	Coax cable stripper for cable O.D. > 8 mm (BNLC75BSX14)	PT-BNC	BNC pliers tool
CS-BNC-LCV	Coax cable stripper for cable O.D. > 8 mm (NBLC75BVZ17)		
DIE-BNC-*	Crimp tool die for pin and shield for HX-BNC		

Crimp die assignment for HX-BNC

Crimp die	Hex crimp mm A	Hex crimp mm B	Hex crimp inch A	Hex crimp inch B	Center pin mm (square crimp)
DIE-BNC-CS	4.06	7.01	0.160	0.276	1.6
DIE-BNC-JD	5.41	4.53	0.213	0.178	1.6
DIE-BNC-PG	6.47	5.00	0.255	0.197	1.6
DIE-BNC-U	7.36	-	0.290	-	1.6
DIE-BNC-UG	7.36	5.00	0.290	0.197	1.6
DIE-BNC-Y	8.23	-	0.324	-	1.6

Crimp die assignment for HX-R-BNC

Crimp die	Hex crimp mm A	Hex crimp mm B	Hex crimp mm C	Hex crimp inch A	Hex crimp inch B	Hex crimp inch C	Center pin mm (square crimp)
DIE-R-BNC-PDC	6.47	4.53	4.06	0.255	0.178	0.160	1.6
DIE-R-BNC-PG	6.47	5.00	-	0.255	0.197	-	1.6
DIE-R-BNC-PJ	6.47	5.41	-	0.255	0.213	-	1.6
DIE-R-BNC-PS	6.47	7.01	-	0.255	0.276	-	1.6
DIE-R-BNC-PU	6.47	7.36	-	0.255	0.290	-	1.6
DIE-R-BNC-PY	6.47	8.23	-	0.255	0.324	-	1.6
DIE-R-BNC-Z	9.73	-	-	0.383	-	-	1.75 (Hex Crimp)
DIE-R-BNC-UG	7.36	5.00	-	0.290	0.197	-	1.6