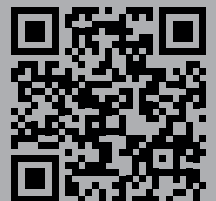




## BNC Connectors



| Content                                         | Page |
|-------------------------------------------------|------|
| UHD BNC - rearTWIST Cable Connectors .....      | 124  |
| UHD BNC - Chassis .....                         | 124  |
| rearTWIST HD Cable Connectors .....             | 125  |
| Cable to Connector Guide .....                  | 126  |
| Connector to Cable Guide .....                  | 128  |
| HD BNC Chassis & Cable Jack Panel Version ..... | 130  |
| Technical Data .....                            | 131  |
| Accessories .....                               | 132  |

**NEUTRIK®**, **crystalCON®**, **etherCON®**, **maxCON®**, **miniCON®**, **nanoCON®**, **neutriCON®**, **opticalCON®**, **powerCON®**, **Profi®**, **rearTWIST®**, **silentPLUG®**, **speakON®**, **DIWA®**, **XIRIUM®**, are registered trademarks of Neutrik AG.

## 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.

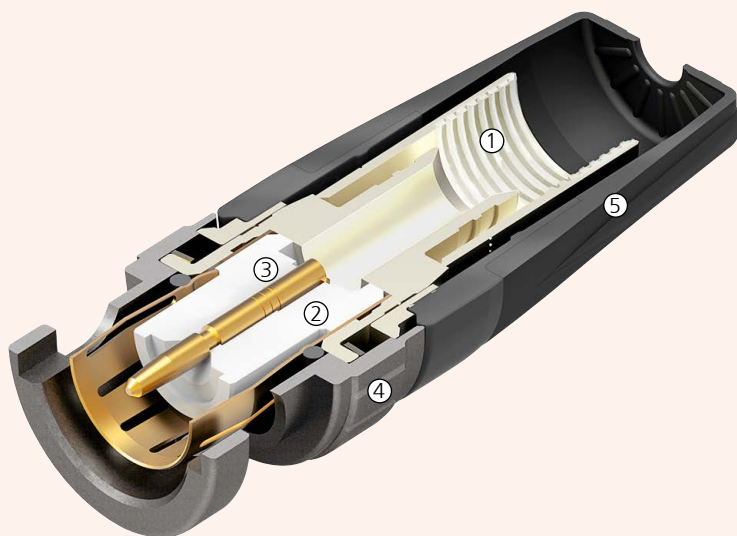
## rearTWIST UHD – BNC Connector

With the transition to 4K or even 8K-signals the impedance of BNC connectors became more important than ever. Every deviate impedance has a negative influence on return loss and VSWR (Voltage Standing Wave Ratio) which are important measurements for reflected signals in a transmission line. Especially on high data rates up to 24 Gb/s, as they occur when transmitting ultra high definition (UHD) signals, an impedance mismatch results in high return loss.

Neutrik's new rearTWIST UHD-BNC connector is a specifically for high frequencies optimized BNC connector; based on the proven rearTWIST technology. The unique insulator design in combination with the reduced crimp diameter of the gold plated center pin allows UHD-data transmission within the required return loss limits.



4K8K



### Features & Benefits

- ① Screen and cable jacket crimp instead of screen crimp only. Grooved inner surface holds the cable jacket to prevent tearing braids.
- ② High frequency optimized insulator design for UHD-transmissions.
- ③ Reduced pin crimp diameter for performance improvement (return loss values).
- ④ Swiss antralooy plating
- ⑤ rearTWIST boot for easy access in high density applications.



Gold plated contacts



Precise Swiss machined parts

## UHD 4K8K

### rearTWIST UHD & Panel Version



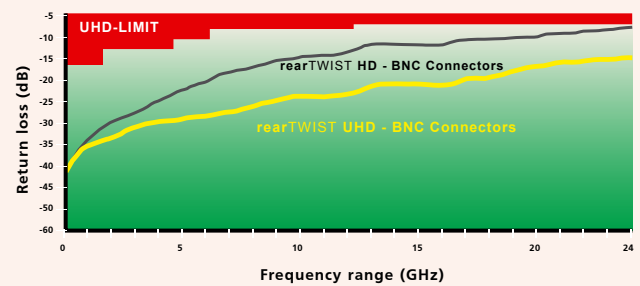
NBNC75BFG7X



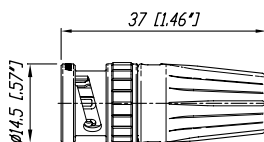
NBB75DFGX

- Optimized contact pin and insulator design for UHD-data transmission
- Proven rearTWIST technology
- Swiss antraloxy plating
- Available for common cable types
- Fully compatible with conventional BNC chassis connectors
- D-size feedthrough chassis connectors

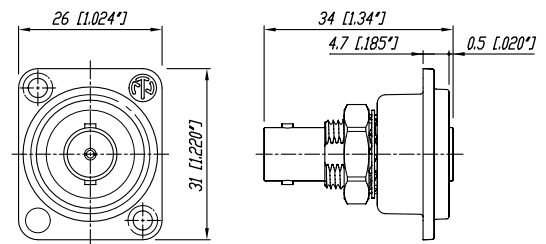
#### Neutrik BNCs – Excellent return loss!



NBNC75\*



NBB75DFG





Bayonet locking



Gold plated contacts



9 different colors available



Female cable jack



## rearTWIST HD



NBNC75BFG7



NBNC75BLP7



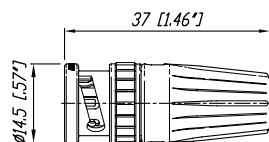
NBNB75GLP9



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.
- Snug-fit center pin insert provides tactile feedback
- Shield and jacket crimp technology prevents the problem of an exposed grounding braid on cable assemblies
- 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

### NBNC75\*



|                                   | rearTWIST<br>UHD              | rearTWIST<br>HD | rearTWIST<br>HD Tiny | Cable Jack<br>& Panel | Pin Crimp<br>in mm | Hex Crimp<br>in mm | Stripping<br>Tool                                     |
|-----------------------------------|-------------------------------|-----------------|----------------------|-----------------------|--------------------|--------------------|-------------------------------------------------------|
|                                   |                               |                 |                      |                       | UHD                | HD                 | CS-BNC-RT<br>CS-BNC-LCS<br>CS-BNC-LCV<br>+ CS-BNC-TCI |
| <b>Belden</b>                     |                               |                 |                      |                       |                    |                    |                                                       |
| Belden 1277R, 1278R, 1279R        |                               |                 | NBTC75BNN5           |                       |                    | 1.6                | 4.53 ● - - ●                                          |
| Belden 1406B, 1407B, 1417B        |                               |                 | NBTC75BVV5           |                       |                    | 1.6                | 5.00 ● - - ●                                          |
| Belden 1426A, 1505A (ANH), 4505R  | NBNC75BLP9X                   | NBNC75BLP9      |                      | NBNB75GLP9            | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Belden 1505F                      | NBNC75BJP9X                   | NBNC75BJP9      |                      |                       | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Belden 1506A                      |                               | NBNC75BIJ9      |                      |                       |                    | 1.6                | 5.41 ● - - -                                          |
| Belden 1520A, 1521A, 1522A, 179DT |                               |                 | NBTC75BFI4           | NBTB75CFI4            |                    | 1.6                | 4.06 ● - - ●                                          |
| Belden 1694A (ANH, DNH), 4694R    |                               |                 |                      |                       |                    |                    |                                                       |
| Belden 70082, 70082CH & 70082NH   | NBNC75BTU11X<br>NBNC75BTUP11X | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36 ● - - -<br>7.06 ● - - -                          |
| Belden 1694F                      |                               | NBNC75BRU11     |                      |                       |                    | 1.6                | 7.36 ● - - -                                          |
| Belden 1695A                      | NBNC75BQP11X                  | NBNC75BQP11     |                      |                       |                    | 1.6                | 6.47 ● - - -                                          |
| Belden 1855A                      | NBNC75BDD6X                   | NBNC75BDD6      |                      |                       | 1.07               | 1.6                | 4.53 ● - - -                                          |
| Belden 1865A                      |                               |                 | NBTC75BXX6           |                       |                    | 1.6                | 5.00 ● - - ●                                          |
| Belden 1855ENH                    | NBNC75BFG7X                   | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00 ● - - -                                          |
| Belden 7731A (ANH)                |                               | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.00 - - ● -                                         |
| Belden 8218                       |                               |                 | NBTC75BXX5           |                       |                    | 1.6                | 5.00 ● - - -                                          |
| Belden 8241                       | NBNC75BLP7X                   | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Belden 8241F                      | NBNC75BLP9X                   | NBNC75BLP9      |                      | NBNB75GLP9            | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Belden 8281                       |                               | NBNC75BXY9      |                      |                       |                    | 1.6                | 8.23 ● - - -                                          |
| Belden 8281F                      |                               | NBNC75BYY9      |                      |                       |                    | 1.6                | 8.23 ● - - -                                          |
| Belden 9221                       |                               |                 | NBTC75BLI4           |                       |                    | 1.6                | 4.06 ● - - ●                                          |
| Belden 1794A                      |                               | NBNC75BZV14     |                      |                       |                    | 1.6                | 8.23 ● - - -                                          |
| <b>Canare</b>                     |                               |                 |                      |                       |                    |                    |                                                       |
| Canare L-3CFB, L-3C2VS            |                               | NBNC75BHK7      |                      |                       |                    | 1.6                | 5.41 ● - - -                                          |
| Canare L-4CFB                     | NBNC75BLP9X                   | NBNC75BLP9      |                      | NBNB75GLP9            | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Canare L-4.5CHD, L-4.5CHWS        | NBNC75BTU11X                  | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36 ● - - -                                          |
| Canare L-5CFB                     |                               | NBNC75BYY11     |                      |                       |                    | 1.6                | 8.23 ● - - -                                          |
| Canare LV-61S                     | NBNC75BLP7X                   | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Canare LV-77S                     |                               | NBNC75BYY9      |                      |                       |                    | 1.6                | 8.23 ● - - -                                          |
| Canare V(3-5)-3C                  |                               | NBNC75BGG7      |                      |                       |                    | 1.6                | 5.00 ● - - -                                          |
| Canare V(3-5)-4CFB                |                               | NBNC75BJJ9      |                      |                       |                    | 1.6                | 5.41 ● - - -                                          |
| Canare V(3-5)-5C                  |                               | NBNC75BRS9      |                      |                       |                    | 1.6                | 7.01 ● - - -                                          |
| Canare V(3-5)-5CFB                |                               | NBNC75BWS11     |                      |                       |                    | 1.6                | 7.01 ● - - -                                          |
| Canare L-1.5C2VS                  |                               |                 | NBTC75BLI4           |                       |                    | 1.6                | 4.06 ● - - ●                                          |
| Canare L-3CFW                     | NBNC75BLP7X                   | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Canare L-5CFW                     |                               | NBNC75BYY11     |                      |                       |                    | 1.6                | 8.23 ● - - -                                          |
| <b>Canford</b>                    |                               |                 |                      |                       |                    |                    |                                                       |
| Canford SDV-M                     |                               | NBTB75CNN5      |                      |                       |                    | 1.6                | 4.53 ● - - ●                                          |
| Canford SDV, SDV-X, SDM           | NBNC75BFG7X                   | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00 ● - - -                                          |
| Canford SDV-L, SDV-F              |                               | NBNC75BWS11     |                      |                       |                    | 1.6                | 7.01 ● - - -                                          |
| Canford SDV-HD                    |                               | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.00 - - ● -                                         |
| Canford SDV-F-HD                  |                               | NBNC75BWU13     |                      |                       |                    | 1.6                | 7.36 ● - - -                                          |
| Canford VCS (BBC PSF1/3)          |                               | NBNC75BLS7      |                      |                       |                    | 1.6                | 7.01 ● - - -                                          |
| <b>Clark</b>                      |                               |                 |                      |                       |                    |                    |                                                       |
| Clark CD7559-0, CD7559F-0         | NBNC75BLP9X                   | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Clark CD7523-7                    | NBNC75BDD6X                   | NBNC75BDD6      |                      |                       | 1.07               | 1.6                | 4.53 ● - - ●                                          |
| Clark CD7506-0                    | NBNC75BTU11X                  | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36 ● - - -                                          |
| Clark CD7506F-0                   |                               | NBNC75BRU11     |                      |                       |                    | 1.6                | 7.36 ● - - -                                          |
| <b>Commscope</b>                  |                               |                 |                      |                       |                    |                    |                                                       |
| Commscope 2065V                   |                               | NBNC75BIJ9      |                      |                       |                    | 1.6                | 5.41 ● - - -                                          |
| Commscope 2279V                   |                               | NBNC75BQP11     |                      |                       |                    | 1.6                | 6.47 ● - - -                                          |
| Commscope 5563                    | NBNC75BLP7X                   | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Commscope 5565                    | NBNC75BLP9X                   | NBNC75BLP9      |                      | NBNB75GLP9            | 1.07               | 1.6                | 6.47 ● - - -                                          |
| Commscope 5765                    | NBNC75BTU11X                  | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36 ● - - -                                          |
| Commscope 7536 (03-05)            |                               |                 | NBTC75BXX6           |                       |                    | 1.6                | 5.00 ● - - ●                                          |
| Commscope 7538                    | NBNC75BDD6X                   | NBNC75BDD6      |                      |                       | 1.07               | 1.6                | 4.53 ● - - -                                          |

|                                      | rearTWIST<br>UHD | rearTWIST<br>HD | rearTWIST<br>HD Tiny | Cable Jack<br>& Panel | Pin Crimp<br>in mm | Hex Crimp<br>in mm | Stripping<br>Tool |           |            |            |              |
|--------------------------------------|------------------|-----------------|----------------------|-----------------------|--------------------|--------------------|-------------------|-----------|------------|------------|--------------|
|                                      |                  |                 |                      |                       | UHD                | HD                 |                   | CS-BNC-RT | CS-BNC-LCS | CS-BNC-LCV | + CS-BNC-TCI |
| <b>Draka Multimedia Cable</b>        |                  |                 |                      |                       |                    |                    |                   |           |            |            |              |
| 0.31 / 1.45 AF, 753-1304(2),         |                  |                 |                      |                       |                    |                    |                   |           |            |            |              |
| 755-1302                             |                  |                 | NBTC75BFI4           | NBTB75CFI4            |                    | 1.6                | 4.06              | ●         | -          | -          | ●            |
| 0.41 / 1.9 AF, 753-1104, 755-1103,   |                  |                 |                      |                       |                    |                    |                   |           |            |            |              |
| 755-1101                             |                  |                 | NBTC75BNN5           | NBTB75CNN5            |                    | 1.6                | 4.53              | ●         | -          | -          | ●            |
| 0.51 / 2.3 Dz, 757-1001, VADN 7243   |                  |                 | NBTC75BVX6           |                       |                    | 1.6                | 5.00              | ●         | -          | -          | ●            |
| 0.6 / 2.8 AF, 0.6 L / 2.8 AF         | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00              | ●         | -          | -          | -            |
| HD Pro 0.6/2.8 AF                    | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00              | ●         | -          | -          | -            |
| 0.6 / 3.7, 0.6L / 3.7                | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| 0.6 / 3.7 Dz                         |                  | NBNC75BLS7      |                      |                       |                    | 1.6                | 7.01              | ●         | -          | -          | -            |
| 0.8 / 3.7 AF, 755-801(803, 804)      | NBNC75BLP9X      | NBNC75BLP9      |                      | NBNB75GLP9            | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| Highflex 08L/3.7D, HD Pro 0.8/3.7 AF | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| 0.8 / 4.9 Dz                         |                  | NBNC75BXY9      |                      |                       |                    | 1.6                | 8.23              | ●         | -          | -          | -            |
| 1.0 / 4.8 AF, 755-901/5              | NBNC75BUU11X     | NBNC75BUU11     |                      | NBNB75GUU11           | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| 1.2L / 4.8Dz, 1.2L / 4.95AF          |                  | NBNC75BWU13     |                      |                       |                    | 1.6                | 7.36              | ●         | -          | -          | -            |
| 1.4 / 6.6 AF                         |                  | NBLC75BSX14     |                      |                       |                    | 1.75               | 9.73              | -         | ●          | -          | -            |
| 1.6 / 7.3AF                          |                  | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.00             | -         | -          | ●          | -            |
| <b>Suhner</b>                        |                  |                 |                      |                       |                    |                    |                   |           |            |            |              |
| Suhner G02233                        |                  |                 | NBTC75BFI4           | NBTB75CFI4            |                    | 1.6                | 4.06              | ●         | -          | -          | ●            |
| Suhner G04233D                       |                  | NBNC75BLS7      |                      |                       |                    | 1.6                | 7.01              | ●         | -          | -          | -            |
| Suhner S02223                        |                  |                 | NBTC75BLI4           |                       |                    | 1.6                | 4.06              | ●         | -          | -          | ●            |
| Suhner S04233, S04263                | NBNC75BLP9X      | NBNC75BLP9      |                      | NBNB75GLP9            | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| Suhner S05133-07                     | NBNC75BTU11X     | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| Suhner S05163-02                     | NBNC75BTU11X     | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| <b>Percon</b>                        |                  |                 |                      |                       |                    |                    |                   |           |            |            |              |
| Percon VK2                           |                  |                 | NBTC75BNN5           |                       |                    | 1.6                | 4.53              | ●         | -          | -          | ●            |
| Percon VK5                           | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00              | ●         | -          | -          | -            |
| Percon VK6                           | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| Percon VK7                           | NBNC75BUU11X     | NBNC75BUU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| Percon VK77                          | NBNC75BTU11X     | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| Percon VK770F                        |                  | NBNC75BWU13     |                      |                       |                    | 1.6                | 7.36              | ●         | -          | -          | -            |
| Percon VK8                           |                  | NBLC75BSX14     |                      |                       |                    | 1.75               | 9.73              | -         | ●          | -          | -            |
| Percon VK9                           |                  | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.0              | -         | -          | ●          | -            |
| Percon VK95                          | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| <b>Van Damme</b>                     |                  |                 |                      |                       |                    |                    |                   |           |            |            |              |
| Van Damme 268-175-000                | NBNC75BUU11X     | NBNC75BUU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| Van Damme 268-275-000                | NBNC75BJP9X      | NBNC75BJP9      |                      |                       | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| Van Damme 268-306-000                | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| Van Damme 268-408-000                |                  |                 | NBTC75BFI14          |                       |                    | 1.6                | 6.47              | ●         | -          | -          | ●            |
| Van Damme 268-475-000                | NBNC75BTU11X     | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| Van Damme 268-675-000                | NBNC75BTU11X     | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| Van Damme 278-475-000                |                  | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.00             | -         | -          | ●          | -            |
| Van Damme 278-175-000                | NBNC75BUU11X     | NBNC75BUU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |
| Van Damme 278-975-000                | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47              | ●         | -          | -          | -            |
| Van Damme 278-775-000                |                  |                 | NBTC75BSS5           |                       |                    | 1.6                | 4.53              | ●         | -          | -          | ●            |
| Van Damme 278-075-000                | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00              | ●         | -          | -          | -            |
| Van Damme 278-075-006                | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00              | ●         | -          | -          | -            |
| Van Damme 278-375-000                | NBNC75BUU11X     | NBNC75BUU11     |                      |                       | 1.07               | 1.6                | 7.36              | ●         | -          | -          | -            |

|                                       | rearTWIST<br>UHD | rearTWIST<br>HD | rearTWIST<br>HD Tiny | Cable Jack<br>& Panel | Pin Crimp<br>in mm | Hex Crimp<br>in mm | Stripping<br>Tool                                     |   |   |   |   |
|---------------------------------------|------------------|-----------------|----------------------|-----------------------|--------------------|--------------------|-------------------------------------------------------|---|---|---|---|
|                                       |                  |                 |                      |                       | UHD                | HD                 | CS-BNC-RT<br>CS-BNC-LCS<br>CS-BNC-LCV<br>+ CS-BNC-TCI |   |   |   |   |
| Argosy Image                          |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| Argosy Image 360                      | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| Argosy Image 720                      | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| Argosy Image 1000                     | NBNC75BUU11X     | NBNC75BUU11     |                      | NBNB75GUU11           | 1.07               | 1.6                | 7.36                                                  | • | - | - | - |
| CAE                                   |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| CAE MC75                              |                  |                 | NBTC75BLI5           | NBTB75CLI5            |                    | 1.6                | 4.06                                                  | • | - | - | • |
| CAE MC75.39                           |                  |                 | NBTC75BVX6           |                       |                    | 1.6                | 5.00                                                  | • | - | - | • |
| CAE KX6A                              | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| CAE VCB75                             |                  | NBNC75BNP9      |                      |                       |                    | 1.6                | 6.47                                                  | • | - | - | - |
| CAE VCB 100                           |                  | NBNC75BXU13     |                      |                       |                    | 1.6                | 7.36                                                  | • | - | - | - |
| CAE HD1250FLEX                        |                  | NBNC75BXU13     |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| CAE HD10460LSZH                       |                  | NBNC75BTS11     |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| CAE HD0628LSZH                        | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| CAE HD08370LSZH                       | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| CAE HD16720LSZH                       |                  | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.00                                                 | - | - | • | - |
| Cordial                               |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| Cordial CVI 3-7                       | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 4.53                                                  | • | - | - | - |
| Cordial CVI 06-28                     | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| Cordial CVI 06-28HD, CVI 06-28HD-FRNC | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| Cordial CVI (CVM) 06-37               | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| Cordial CVI 08-37 HD-FRNC             |                  | NBNC75BNP9      |                      |                       |                    | 1.6                | 6.47                                                  | • | - | - | - |
| Cordial CVI 10-48 HD                  | NBNC75BUU11X     | NBNC75BUU11     |                      |                       | 1.07               | 1.6                | 7.36                                                  | • | - | - | - |
| Cordial CVI 10-48 HD-FRNC             |                  | NBNC75BWS11     |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| Cordial CVM 08-32 HD-FLEX             |                  | NBNC75BLI9      |                      |                       |                    | 1.6                | 5.41                                                  | • | - | - | - |
| Cordial CVM 12-50 HD-FLEX             |                  | NBNC75BWU13     |                      |                       |                    | 1.6                | 7.36                                                  | • | - | - | - |
| Kabeltronik                           |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| Kabeltronik HFV 1.0/4.8 AF-FRNC       |                  | NBNC75BRU11     |                      |                       |                    | 1.6                | 7.36                                                  | • | - | - | - |
| Kabeltronik HFV 0.6/2.8 AF-FRNC       | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| Kabeltronik MVP 5x 0.6/2.8 AF-FRNC    | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| KLOTZ                                 |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| KLOTZ V06/28, V062SH, VMXx75Y         | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| KLOTZ V06/37                          | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| KLOTZ V08/37H, VD083SH                | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| KLOTZ VD083LP 0.8L/3.7DZ              | NBNC75BJP9X      | NBNC75BJP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| KLOTZ V10/48, V10/48H                 | NBNC75BUU11X     | NBNC75BUU11     |                      | NBNB75GUU11           | 1.07               | 1.6                | 7.36                                                  | • | - | - | - |
| KLOTZ V16/72                          |                  | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.00                                                 | - | - | • | - |
| Nexans                                |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| Nexans HF 75 0.6/2.9 02YS(ST)CH       | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| Nexans HF 75 1.6/7.2 02Y(ST)C(ST)H    |                  | NBNC75BVZ17     |                      |                       |                    | 1.8                | 10.00                                                 | - | - | • | - |
| Nexans HF 75 0.6/3.7 2YCY             | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| Proel                                 |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| Proel HPC 805                         | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| Proel HPC 810                         | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| Proel HPC 820                         |                  | NBNC75BFH6      |                      |                       |                    | 1.6                | 5.00                                                  | • | - | - | - |
| RG                                    |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| RG11                                  |                  | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.00                                                 | - | - | • | - |
| RG59B/U                               | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| RG179B/U                              |                  | NBTC75BLI4      |                      |                       |                    | 1.6                | 4.06                                                  | • | - | - | • |
| SOMMER                                |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| SOMMER 600-0051 (M/L/S)               | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| SOMMER 600-0054 (M/L/S)               | NBNC75BLP7X      | NBNC75BLP7      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| SOMMER 600-0101M                      | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| SOMMER 600-0104M                      | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| SOMMER 600-162(F), Vctor 0.8/3.7      | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| SOMMER 600-025* -03 (05)              |                  | NBTC75BLI5      | NBTB75CLI5           |                       |                    | 1.6                | 4.06                                                  | • | - | - | • |
| SOMMER 600-0701                       |                  | NBTC75BLI5      | NBTB75CLI5           |                       |                    | 1.6                | 4.06                                                  | • | - | - | • |
| SOMMER 600-020* -03 (05)              |                  | NBTC75BLI5      | NBTB75CLI5           |                       |                    | 1.6                | 4.06                                                  | • | - | - | • |
| SOMMER 600-0451                       | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| SOMMER 600-0751                       |                  | NBTC75BVX6      | NBNB75GLP9           |                       |                    | 1.6                | 5.00                                                  | • | - | - | • |
| Tesca                                 |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| Tesca Bengal                          |                  | NBTC75BNS4      |                      |                       |                    | 1.6                | 4.53                                                  | • | - | - | • |
| Tesca Supra                           | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| Tesca Massimo                         |                  | NBLC75BSX14     |                      |                       |                    | 1.75               | 9.73                                                  | - | • | - | - |
| Tesca Sphere                          |                  | NBLC75BVZ17     |                      |                       |                    | 1.8                | 10.00                                                 | - | - | • | - |
| Tesca Presto                          |                  | NBNC75BJP9      |                      |                       |                    | 1.6                | 6.47                                                  | • | - | - | - |
| Tesca Prima                           |                  | NBNC75BTS11     |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| Tesca Linea                           |                  | NBNC75BNP9      |                      |                       |                    | 1.6                | 6.47                                                  | • | - | - | - |
| Tesca Vostok                          |                  | NBNC75BWS12     |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| Tesca Dublo                           |                  | NBNC75BWS12     |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| Others                                |                  |                 |                      |                       |                    |                    |                                                       |   |   |   |   |
| AT&T 735                              |                  |                 | NBTC75BSS5           |                       |                    | 1.6                | 4.53                                                  | • | - | - | • |
| COMM-TEC RGBHV                        |                  |                 | NBTC75BSS5           |                       |                    | 1.6                | 4.53                                                  | • | - | - | • |
| BBC PSF 1/3*                          |                  | NBNC75BLS7      |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| Bryant BD SD50                        |                  | NBNC75BRS9      |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| Bryant BD SD53F                       | NBNC75BJP9X      | NBNC75BJP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| Bryant SD10F, SD11                    | NBNC75BTU11X     | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36                                                  | • | - | - | - |
| Bryant SD50F                          | NBNC75BLP9X      | NBNC75BLP9      |                      |                       | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| COVID CVD 1300-1500                   |                  |                 | NBTC75BLI5           | NBTB75CLI5            |                    | 1.6                | 4.06                                                  | • | - | - | • |
| Eupen 705 CRT 5V-HS                   |                  | NBNC75BTS11     |                      |                       |                    | 1.6                | 7.36                                                  | • | - | - | - |
| Extron BNC-5HR                        |                  |                 | NBTC75BNN5           | NBTB75CNN5            |                    | 1.6                | 4.53                                                  | • | - | - | • |
| Extron BNC-5RC                        | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| GEPCO VDM230                          | NBNC75BDD6X      | NBNC75BDD6      |                      |                       | 1.07               | 1.6                | 4.53                                                  | • | - | - | - |
| GEPCO VPM2000                         | NBNC75BLP9X      | NBNC75BLP9      |                      | NBNB75GLP9            | 1.07               | 1.6                | 6.47                                                  | • | - | - | - |
| GEPCO VSD2001                         | NBNC75BTU11X     | NBNC75BTU11     |                      |                       | 1.07               | 1.6                | 7.36                                                  | • | - | - | - |
| Helix 734                             |                  | NBNC75BNP9      |                      |                       |                    | 1.6                | 6.47                                                  | • | - | - | - |
| Helix 735                             |                  |                 | NBTC75BSS5           |                       |                    | 1.6                | 4.53                                                  | • | - | - | • |
| Hirschmann KOKA 712Cu                 |                  | NBNC75BTS9      |                      |                       |                    | 1.6                | 6.47                                                  | • | - | - | - |
| Kansai 3C-5S                          |                  | NBNC75BFH6      |                      |                       |                    | 1.6                | 5.00                                                  | • | - | - | - |
| Kelsey SD-1                           | NBNC75BFG7X      | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| Kelsey SD-1-LL                        |                  | NBNC75BWS11     |                      |                       |                    | 1.6                | 7.01                                                  | • | - | - | - |
| KROSCHU (341 270, 341 280)            |                  |                 |                      | NBTC75BLI4            |                    | 1.6                | 4.06                                                  | • | - | - | • |
| Quadronics CABPGHD70MW-500            |                  | NBNC75BFG7      |                      |                       | 1.07               | 1.6                | 5.00                                                  | • | - | - | - |
| Wisi MK 99A                           |                  |                 | NBNC75BWS12          |                       |                    | 1.6                | 6.47                                                  | • | - | - | - |
| ZNK CM14B                             |                  |                 | NBTC75BFI4           | NBTB75CFI4            |                    | 1.6                | 4.06                                                  | • | - | - | • |

\* Registered trademark of BBC

|  | Inner<br>Conductor | Insulator | Cable O.D.<br>mm | Pin crimp<br>mm (square) | Hex Crimp<br>mm | Stripping<br>Tool |            |            |              |
|--|--------------------|-----------|------------------|--------------------------|-----------------|-------------------|------------|------------|--------------|
|  |                    |           |                  |                          |                 | CS-BNC-RT         | CS-BNC-LCS | CS-BNC-LCV | + CS-BNC-TCI |

## rearTWIST HD & UHD

|               |       |       |        |                   |       |   |   |   |   |
|---------------|-------|-------|--------|-------------------|-------|---|---|---|---|
| NBLC75BVZ17   | < 1.7 | < 8.0 | < 10.4 | 1.80 (Hex crimp)  | 10.00 | - | - | ● | - |
| NBLC75BSX14   | < 1.4 | < 6.6 | < 9.5  | 1.75 (Hex crimp)  | 9.73  | - | ● | - | - |
| NBNC75BDD6    | < 0.6 | < 2.8 | < 4.3  | 1.6               | 4.53  | ● | - | - | - |
| NBNC75BDD6X   | < 0.6 | < 2.8 | < 4.3  | 1.07              | 4.53  | ● | - | - | - |
| NBNC75BFG7    | < 0.7 | < 3.1 | < 4.7  | 1.6               | 5.00  | ● | - | - | - |
| NBNC75BFG7X   | < 0.7 | < 3.1 | < 4.7  | 1.07              | 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  | ● | - | - | - |
| NBNC75BJP9X   | < 0.9 | < 3.8 | < 6.3  | 1.07              | 6.47  | ● | - | - | - |
| NBNC75BLP7    | < 0.7 | < 3.8 | < 6.3  | 1.6               | 6.47  | ● | - | - | - |
| NBNC75BLP7X   | < 0.7 | < 3.8 | < 6.3  | 1.07              | 6.47  | ● | - | - | - |
| NBNC75BLP9    | < 0.9 | < 3.8 | < 6.3  | 1.6               | 6.47  | ● | - | - | - |
| NBNC75BLP9X   | < 0.9 | < 3.8 | < 6.3  | 1.07              | 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  | ● | - | - | - |
| NBNC75BQP11X  | < 1.1 | < 4.5 | < 6.3  | 1.07              | 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  | ● | - | - | - |
| NBNC75BTU11X  | < 1.1 | < 4.7 | < 7.3  | 1.07              | 7.36  | ● | - | - | - |
| NBNC75BTUP11X | < 1.1 | < 4.7 | < 7.3  | 1.07              | 7.06  | ● | - | - | - |
| NBNC75BTU13   | < 1.3 | < 4.7 | < 7.3  | 1.6               | 7.36  | ● | - | - | - |
| NBNC75BUU11   | < 1.1 | < 4.9 | < 7.3  | 1.6               | 7.36  | ● | - | - | - |
| NBNC75BUU11X  | < 1.1 | < 4.9 | < 7.3  | 1.07              | 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



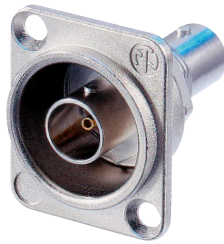
Gold plated center pin



## HD BNC Chassis & Cable Jacks Panel Version



Bulkhead Jacks - NBB75FG



NBB75DFG



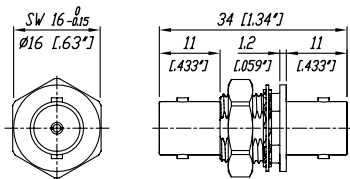
NBB75DFGB



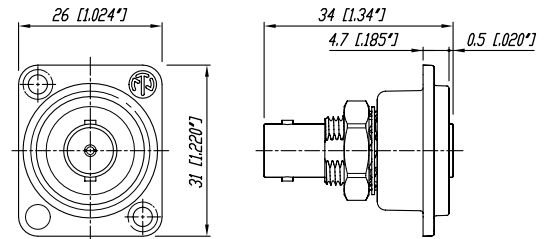
Cable jacks Panel Version – NBB75SI

- True 75  $\Omega$  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

### NBB75FI



### NBB75DFG



## Ordering Information

| Nickel housing | Black housing | Antralooy housing |                                                                       |
|----------------|---------------|-------------------|-----------------------------------------------------------------------|
| NBB75DFG       | NBB75DFGB     |                   | Bulkhead jack, D-shape housing, feed through, grounded                |
|                |               | NBB75DFGX         | Bulkhead jack, D-shape housing, feed through, grounded, UHD-optimezed |
| NBB75DFI       | NBB75DFIB     |                   | Bulkhead jack, D-shape housing, feed through, isolated                |
|                |               | NBB75DFIX         | Bulkhead jack, D-shape housing, feed through, isolated, UHD-optimezed |
| NBB75DSG       | NBB75DSGB     |                   | Bulkhead jack, D-shape housing, solder version, grounded              |
| NBB75DSI       | NBB75DSIB     |                   | Bulkhead jack, D-shape housing, solder version, isolated              |
| NBB75FG        |               |                   | Bulkhead jack, feed through, grounded                                 |
| NBB75FI        |               |                   | Bulkhead jack, feed through, isolated                                 |
| NBB75SI        |               |                   | Bulkhead jack, solder version, including isolation washers            |
| NBB75FA        |               |                   | Coupler, feed through                                                 |

## Specifications

rearTWIST  
UHD

rearTWIST HD &  
rearTWIST HD Large  
& Cable Jack  
Panel

rearTWIST HD  
Tiny & Cable  
Jack Tiny

Bulkheads  
&  
Coupler

## Electrical

|                                 |                                    |                                    |   |                                   |                                   |
|---------------------------------|------------------------------------|------------------------------------|---|-----------------------------------|-----------------------------------|
| Impedance                       | 75 $\Omega$                        | •                                  | • | •                                 | •                                 |
| Rated voltage                   | 500 V ac rms                       | •                                  | • | 250 V ac rms                      | •                                 |
| Insulation resistance           | > 5 G $\Omega$                     | •                                  | • | •                                 | •                                 |
| Dielectric withstanding voltage | 1'500 V ac rms                     | •                                  | • | 750 V ac rms                      | •                                 |
| VSWR / Return Loss              | $\leq 1.050 / > 32$ dB up to 1 GHz | $\leq 1.06 / > 30$ dB up to 6 GHz  | • | $\leq 1.10 / > 26$ dB up to 1 GHz | $\leq 1.03 / > 37$ dB up to 1 GHz |
|                                 | $\leq 1.065 / > 30$ dB up to 2 GHz | $\leq 1.13 / > 24$ dB up to 12 GHz | • | $\leq 1.14 / > 24$ dB up to 2 GHz | $\leq 1.05 / > 32$ dB up to 2 GHz |
|                                 | $\leq 1.100 / > 26$ dB up to 3 GHz | $\leq 1.22 / > 20$ dB up to 18 GHz | • | $\leq 1.22 / > 20$ dB up to 3 GHz | $\leq 1.08 / > 28$ dB up to 3 GHz |
| Inner contact resistance        | $\leq 3$ m $\Omega$ (initial)      | •                                  | • | •                                 | •                                 |
| Outer contact resistance        | $\leq 2$ m $\Omega$ (initial)      | •                                  | • | •                                 | •                                 |

## Mechanical

|                          |                     |           |           |           |       |
|--------------------------|---------------------|-----------|-----------|-----------|-------|
| Cable anchoring          | Jacket crimping     | •         | •         | •         | N / A |
| Cable O.D. range         | mm                  | 4.3 - 7.3 | 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                                      | -     | •     | •     | •       |
|                  | Antraloy coated                                      | •     | -     | -     | -       |
|                  | PA6 (Push Pull only)                                 | -     | N / A | N / A | N / A   |
| D-Shape housing: | Zinc diecast (ZnAl4Cu1)<br>gal Ni or black Cr platin | N / A | N / A | N / A | NBB75D* |
|                  | Antraloy coated                                      | •     | -     | -     | -       |
| Ground contact   | Bronze (CuSn6)                                       | •     | •     | •     | -       |
|                  | 0.2 $\mu$ m AuCo over 2 $\mu$ m NiP15                | •     | •     | •     | -       |
|                  | Brass (CuZn39Pb3)                                    | -     | -     | -     | •       |
|                  | OPTALLOY coated                                      | -     | -     | -     | •       |
| Center contact   | Brass (CuZn35Pb2)                                    | •     | •     | •     | -       |
|                  | 0.2 $\mu$ m AuCo or                                  | •     | •     | •     | -       |
|                  | Brass (CuZn39Pb3)                                    | -     | -     | -     | •       |
|                  | 0.2 $\mu$ m AuCo                                     | -     | -     | -     | •       |
| Insulator        | Teflon PTFE                                          | -     | •     | •     | •       |
|                  | Polypropylen PP                                      | •     | -     | -     | -       |
| Chuck            | Polyacetal POM                                       | N / A | N / A | N / A | N / A   |
| Insulation Shell | Polyacetal POM                                       | N / A | N / A | N / A | •       |

## Environmental

|                               |                           |   |   |   |       |
|-------------------------------|---------------------------|---|---|---|-------|
| Temperature range             | -30 °C to +85 °C          | • | • | • | •     |
| Solderability complies with   | IEC 68-2-20               | • | • | • | N / A |
| Contact crimpability complies | IEC 60803 and IEC 60352-2 | • | • | • | N / A |

## 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 against 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



PT-BNC



DIE-R-BNC-\*

|            |                                                                                     |             |                                                         |
|------------|-------------------------------------------------------------------------------------|-------------|---------------------------------------------------------|
| CAS-BNC-T  | BNC tool case equipped with HX-R-BNC, PT-BNC: Plier tool, CS-BNC-RT: Stripping tool | CS-BNC-LCV  | Coax cable stripper for cable O.D. > 8 mm (NBLC75BVZ17) |
| CS-BNC-RT  | Coax cable stripper for cable O.D. 2.5 – 8 mm                                       | DIE-R-BNC-* | Crimp tool die for pin and shield for HX-R-BNC          |
| CS-BNC-LCS | Coax cable stripper for cable O.D. > 8 mm (NBLC75BSX14)                             | HT-BNC      | Spanner tool for the pushPULL BNCs                      |
|            |                                                                                     | HX-R-BNC    | Crimp tool, frame                                       |
|            |                                                                                     | PT-BNC      | BNC pliers tool                                         |

## Crimp die assignment for HX-R-BNC

| Crimp die | Hex crimp<br>mm |   |   | Hex crimp<br>inch |   |   | Center pin<br>mm<br>(square crimp) |
|-----------|-----------------|---|---|-------------------|---|---|------------------------------------|
|           | A               | B | C | A                 | B | C |                                    |

### rearTWIST HD BNC

|               |      |      |      |       |       |       |     |
|---------------|------|------|------|-------|-------|-------|-----|
| 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 |

| Crimp die | Hex crimp<br>mm |   |   | Hex crimp<br>inch |   |   | Center pin<br>mm<br>(square crimp) |
|-----------|-----------------|---|---|-------------------|---|---|------------------------------------|
|           | A               | B | C | A                 | B | C |                                    |

|                 |      |      |   |       |       |   |                     |
|-----------------|------|------|---|-------|-------|---|---------------------|
| DIE-R-BNC-X     | 9.73 | -    | - | 0.383 | -     | - | 1.75<br>(Hex Crimp) |
| DIE-R-BNC-UG    | 7.36 | 5.00 | - | 0.290 | 0.197 | - | 1.6                 |
| DIE-R-BNC-ZPLUS | 10.0 | -    | - | 0.39  | -     | - | 1.8                 |

### rearTWIST UHD BNC

|                |      |      |      |       |       |       |      |
|----------------|------|------|------|-------|-------|-------|------|
| DIE-R-BNCX-PDG | 6.47 | 5.00 | 4.53 | 0.255 | 0.197 | 0.178 | 1.07 |
| DIE-R-BNCX-PU  | 6.47 | 7.36 | -    | 0.255 | 0.290 | -     | 1.07 |