



NBNC75BIJ9

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

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

Suitable cables:

Belden 1506A, Belden 4505P, CommScope 2065V,
Cordial CVM 08-32 HD-FLEX

Crimp size:

Pin: 1.6 mm (square)

Shield: 5.41 mm (hex)

Features & Benefits

- ✓ “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
- ✓ Leading area: Avoids tilting due to side forces to protect contacts from deformation. Guarantees a lifetime of min. 1000 mating cycles!
- ✓ 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
- ✓ Precise Swiss machined brass parts for outstanding durability

✓ Accessories include color coded boots in 10 standard colors, crimp tool and dies

Technical Information

| Product | |
|-----------------|------------|
| Title | NBNC75BIJ9 |
| Connection Type | BNC 75 Ω |
| Gender | male |

| Electrical | |
|-----------------------|---|
| Contact resistance | ≤ 3 mΩ (inner) |
| Contact resistance | ≤ 2 mΩ (outer) |
| Dielectric strength | 1,5 kVdc |
| Impedance | 75 Ω |
| Insulation resistance | > 5 GΩ |
| Rated voltage | <50 V |
| VSWR | ≤1.050/>32 dB up to 1 GHz ≤1.065/>30 dB up to 2 GHz ≤1.100/>26 dB up to 3 Ghz |

Mechanical

| | |
|------------------|--|
| Cable O.D. | 5.3 mm |
| Cable retention | > 30 N (Center) |
| Crimp size | 5,41 Hex crimp (shield) acc. IEC 60803 (die designation D) |
| Crimp size (pin) | 1,6 Square crimp (pin) acc. IEC 60803 (die designation 2) |
| Insertion force | < 25 N |
| Lifetime | > 1000 mating cycles |
| Wiresize | |
| Locking device | Bayonett |
| Cable anchoring | Jacket crimping |

Material

| | |
|---------------|---|
| Contacts | Brass (CuZn35Pb2), 0.2 µm AuCo (Center contact) |
| Insert | PTFE |
| Shell | Brass (CuZn39Pb3) |
| Shell plating | Optalloy® |

Environmental

| | |
|----------------------|---|
| Temperature range | -30 °C to +85 °C |
| Contact crimpability | Complies with IEC 60803 and IEC 60352-2 |