



NBNC75BZV14

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 cable:

Belden 1794A

Crimp size:

Pin: 1.6 mm (square) or 1.75 mm (hex)

Shield: 8.23 mm (hex)

Features & Benefits

- “rearTWIST Principle” locking/unlocking using the easily accessible soft touch boot (Patent DE 100 48507)
- True 75 Ω design meets the stringent HDTV / DVD requirements
- Snug-fit center pin insert provides tactile feedback
- Excellent cable protection and retention
- Accessories include color coded boots in 10 standard colors, crimp tool and dies
- Ideal for recessed bulkheads where access to the “head” of the connector might be an issue. These connectors turn from the back and not the front.
- Leading area: Avoids tilting due to side forces to protect contacts from deformation. Guarantees a lifetime of min. 1000 mating cycles!
- Shield and jacket crimp technology prevents the problem of an exposed grounding braid on cable assemblies
- Precise Swiss machined brass parts for outstanding durability

Technical Information

| Product | |
|-----------------|-----------------|
| Title | NBNC75BZV14 |
| Connection Type | BNC 75 Ω |
| Gender | male |

| Electrical | |
|-----------------------|--|
| Contact resistance | $\leq 3 \text{ m}\Omega$ (inner) |
| Contact resistance | $\leq 2 \text{ m}\Omega$ (outer) |
| Dielectric strength | 1.5 kVdc |
| Insulation resistance | $> 5 \text{ G}\Omega$ |
| Rated voltage | $< 50 \text{ V}$ |
| VSWR | $\leq 1.050 / > 32 \text{ dB}$ up to 1 GHz $\leq 1.065 / > 30 \text{ dB}$ up to 2 GHz $\leq 1.100 / > 26 \text{ dB}$ up to 3 GHz |

| Mechanical | |
|-----------------|--|
| Cable O.D. | $< 8.0 \text{ mm}$ |
| Cable retention | $> 30 \text{ N}$ (center) |
| Crimp size | 1,6 Square crimp (pin) acc. IEC 60803 (die designation 2) or 1,75 Hex crimp acc. IEC 60803 (die desi |
| Insertion force | $< 25 \text{ N}$ |
| 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 |