



NBNC75BLP9

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:

Argosy Image 720, Belden 1505A (ANH), Belden 4505R, Belden 8241F, CAE HD08370LSZH, Canare L-4CFB, Clark Wire CD7559-0, Clark Wire CD7559F-0, CommScope 5565, Draka 0.8/3.7 AF, Draka 755-801, Draka 755-803, Draka 755-804, Gepco VPM2000, Proel HPC 810, Suhner S0426, Sommer 600-0451, Sommer 600-162(F), Percon VK6

Crimp size:

Pin: 1.6 mm (square)

Shield: 6.47 mm (hex)

Features & Benefits

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| <ul style="list-style-type: none">• “rearTWIST Principle” locking/unlocking using the easily accessible soft touch boot (Patent DE 100 48507) | <ul style="list-style-type: none">• 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. |
| <ul style="list-style-type: none">• True 75 Ω design meets the stringent HDTV / DVD requirements | <ul style="list-style-type: none">• Leading area: Avoids tilting due to side forces to protect contacts from deformation. Guarantees a lifetime of min. 1000 mating cycles! |
| <ul style="list-style-type: none">• Snug-fit center pin insert provides tactile feedback | <ul style="list-style-type: none">• Shield and jacket crimp technology prevents the problem of an exposed grounding braid on cable assemblies |
| <ul style="list-style-type: none">• Excellent cable protection and retention | <ul style="list-style-type: none">• Precise Swiss machined brass parts for outstanding durability |
| <ul style="list-style-type: none">• Accessories include color coded boots in 10 standard colors, crimp tool and dies | |

Technical Information

Product	
Title	NBNC75BLP9
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.	6.3 mm
Cable retention	> 30 N (Center)
Crimp size	6,47 Hex crimp (shield) acc. IEC 60803 (die designation E)
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

Mouser Electronics

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