

# Mini HD-BNC High Density 75 Ω Connectors

The BNC plug connector has been established as a reliable solution for decades. It is used widely in studios and video broadcasting – wherever signals need to be transmitted reliably and efficiently. The new plug connectors of the Mini HD-BNC series should meet the continuously increasing demands on the mechanical and electrical properties such as return loss and robustness. The user does not need to learn anything new to handle the Mini HD-BNC connector because it has the usual plug mechanism familiar from the standard BNC – the secure bayonet slot with which the plug can be locked reliably.

The new Mini HD-BNC plug requires much less space than its predecessor. It saves more than 40 % of space. For applications in plug panels and patch panels on which many connections are used in matrix form within a limited space, it allows four times the packing density in comparison to the standard BNC. The dimensions and weight of the devices can therefore be reduced considerably.



### Mini HD-BNC Cable Plug, straight, crimp/crimp

Order no.	Cable group	Inner conductor Ø (mm)	Dielectric Ø (mm)	Outer conductor Ø (mm)	Cable sheath Ø (mm)	Belden	Draka	Bedeia
J01290A0062	G39 (0.8/3.7-6.15)	0.6 +/- 0.1	3.4* +/- 0.4	4.2 +/- 0.4	6.0 +/- 0.5	1505A	0.8/3.7 AF	0.8/3.7C
J01290A0063	G4 (RG-179B/U)	0.3 +/- 0.05	1.5* +/- 0.2	2.0 +/- 0.2	2.7 +/- 0.3	1520A		
J01290A0064	G41 (0.6/2.8-4.7)	0.6 +0.05/- 0.03	2.9* +/- 0.15	3.5 +/- 0.1	4.7 +/- 0.5	1855A	0.6/2.8 AF	0.6/2.8C-HM (FR-NC)
J01290A0065	G27 (1.0/4.6-6.7)	1.0 +/- 0.02	4.65* +/- 0.1	5.15 +/- 0.1	6.75 +/- 0.25	1694A	1.0/4.8 AF	1.0/4.8

\* including cable foil

### Mini HD-BNC Bulkhead Jack, straight, solder/crimp

Order no.	Cable group	Inner conductor Ø (mm)	Dielectric Ø (mm)	Outer conductor Ø (mm)	Cable sheath Ø (mm)	Belden	Draka	Bedeia
J01291A0021	G4 (RG-179B/U)	0.3 +/- 0.05	1.5* +/- 0.2	2.0 +/- 0.2	2.7 +/- 0.3	1520A		
J01291A0022	G41 (0.6/2.8-4.7)	0.6 +0.05/- 0.03	2.9* +/- 0.15	3.5 +/- 0.1	4.7 +/- 0.5	1855A	0.6/2.8 AF	0.6/2.8C-HM (FR-NC)

\* including cable foil

### Mini HD-BNC Adaptor for Panel Mounting

Order no.	Remarks	Mount. dim.
J01293A0001	f-f; insulating flange	Z155

### Adaptor BNC to Mini HD-BNC

Order no.	Remarks
J01008A0091	m-f

### Mini HD-BNC Mounting Tool

Order no.	Remarks
N00010A0001	hand tool for mounting and dismounting of Mini HD-BNC plugs