

# 50Ω/75Ω BNC Coaxial Connectors

## BNC series

- BNC series connectors are most widely used as 50 Ω coaxial connectors. This model is small and light, and its easy-to-use bayonet lock system is preferable for equipment that requires frequent connection and disconnection. 75 Ω type is recommendable for application with a frequency over 200 MHz used on 75 Ω transmission line.

### Specifications

Impedance	50 Ω or 75 Ω
Withstanding Voltage	AC1500V RMS
Insulation Resistance	1000M Ω min.
Contact Resistance	3m Ω Max.
Frequency Range / V.S.W.R.	50 Ω : 0 - 4 GHz / 1.3 Max 75 Ω : 0 - 2.4GHz / 1.2 Max
Shell Material / Finish	Brass/Silver or Nickel
Contact Material	Brass or Beryllium Copper
Contact Finish	Silver or Gold
Insulator Material	PTFE
Gasket Material	Silicone Rubber

### Models

#### ● Solder Type Cable Plug

Part No.	Type	Clamp Style	Cable	
BNC-P-55U	50 Ω	Standard Clamp	RG-55/U, 58/U	
BNC-P-59U	50 Ω		RG-59/U, 62/U	
BNC9024-P	50 Ω		1.5D-2V, RG-188A/U	
BNC-P-2.5DV	50 Ω		2.5D-2V	
3CV-P	50 Ω	Screw Chuck	RG-141A/U	
3CV-P2	50 Ω		RG-223/U	
BNC772-P	75 Ω		2.5C-2V	
BNC777-P	75 Ω		3C-2V, 5C-2V, 5C-FB	
BNC756-P	75 Ω		6C-HD	
BNC732-P	75 Ω		7C-2V, 7C-FB	
BNC275-P1	50 Ω		Screw Chuck	5D-2V, 5C-2V
BNC278-P1	50 Ω			RG-55/U, 55B/U
BNC278-P4	75 Ω	RG-58/U, 58B/U, 58C/U		

#### ● Crimp Type Cable Plug

Part No.	Type	Crimp Tool	Cable
BNC549-P	50Ω	DCC-T0297/T0298	RG-58A/U, 58C/U
BNC532-P	50Ω	CWB-T0105/T0106	3D-2V
BNC534-P	50Ω	CWB-T0297/T0298	5D-2V
BNC791-P	75Ω	CWB-T0265/T0266	RG-187A/U
BNC730-P	75Ω	CWB-T0095/T0096	RG-59B/U
BNC753-P-1	75Ω	CWB-T0105/T0106	3C-2V
BNC755-P-1	75Ω		5C-2V

#### ● Adapter

Part No.		Configuration
50 Ω Type	75 Ω Type	
BNC-A-JJ	BNC717-A	Jack to Jack Straight
BNC-TA-JPJ	-----	J-P-J T Type
BNC153-A1	-----	U-Link
BNC9057-A	-----	Plug(Slide-On) to Jack Straight
BNC-PA-JJ	BNC728-PA	Jack to Jack Flange Mount Straight
BNC-LA-PJ	BNC789-LA	Plug to Jack Right Angle
BNC323-BA	BNC779-BA	Isolated Jack to Jack Bulkhead

#### ● Termination

Part No.	Configuration
BNC174-TP	50 Ω
BNC769-TP75	75 Ω



Plug (Solder Type)  
BNC117-P



Receptacle  
BNC-R



Isolated Adapter  
BNC323-BA



Isolated Receptacle  
BNC284-BR



T-Type Adapter  
BNC-TA-JPJ



U-Link Adapter  
BNC153-A1



Plug (Crimp Type)  
BNC730-P



Printed Circuit Receptacle  
BNC223-R



Termination Plug  
BNC769-TP75



Plug (Solder Type)  
BNC732-P

#### ● Panel Mount Receptacle

Part No.		Configuration
50 Ω Type	75 Ω Type	
BNC-R	BNC704-R	Flange Mount Jack Receptacle
BNC123-BR	BNC707-BR1	Bulkhead Mount Jack Receptacle
BNC223-R	BNC766-R	Printed Circuit Jack Receptacle
BNC284-BR	BNC782-BR	Isolated Jack Receptacle
BNC224-LR	BNC767-LR	Printed Circuit Right Angle Recep.

#### ● Right Angle Cable Plug (Solder Type)

Part No.	Type	Clamp Style	Cable
BNC-LP-55U	50 Ω	Standard Clamp	RG-55/U, 58/U
BNC-LP-3DV	50 Ω		3D-2V
BNC778-LP	75 Ω	Screw Chuck	3C-2V, 5C-2V

#### ● Solder Type Cable Jack

Part No.	Type	Cable	Part No.	Type	Cable
BNC-J-55U	50 Ω	RG-55/U, 58/U	BNC787-J	75 Ω	3C-2V, 5C-2V 5C-FB