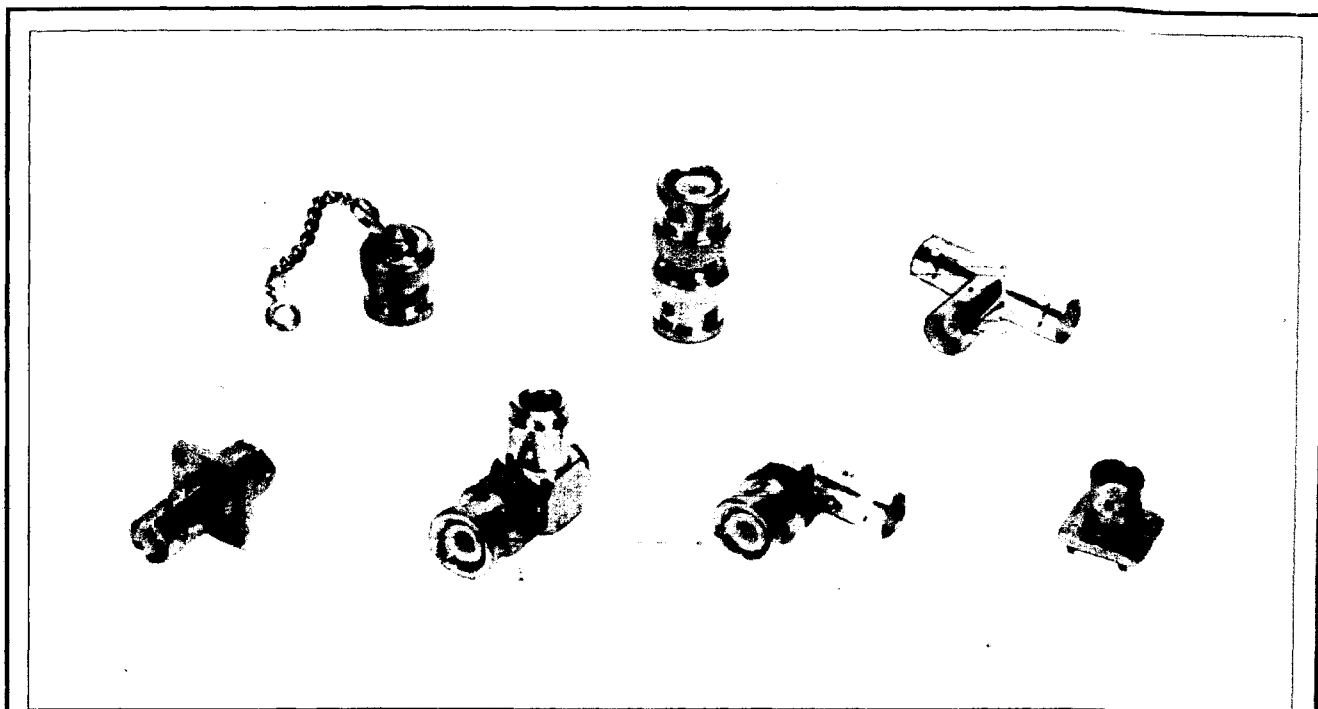


BNC Series



Miniature Coaxial Connectors



■ FEATURES

- BNC series is most widely used as 50 ohm coaxial cable connectors.
- This series is used specially for interface of frequent fit-in/pull-out instruments by small size/light weight bayonet lock mechanism.
- If 75 ohm cable is used for this series, the frequency to be applied must be below 200MHz. For more them 200MHz, BNC75 series must be used.

Note: BNC series is intermateable with BNC75 series. (75 ohm group)

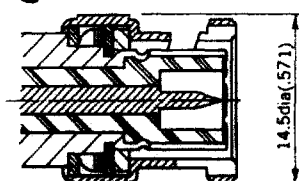
■ SPECIFICATION

Impedance.....50Ω
 Dielectric withstanding ...AC1500V(r.m.s.)
 voltage 1 minute
 Insulation resistance1000MΩ min.
 at 500V DC
 Contact resistance3mΩ max.
 at 1A DC
 VSWR.....1.3max. 4GHz

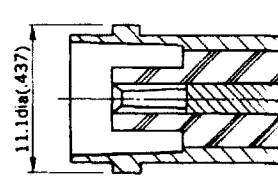
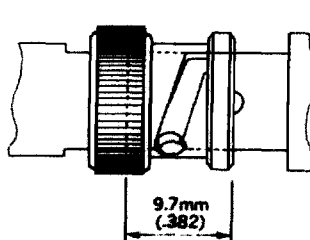
■ MATERIAL/FINISH

Shell(Body)Brass/Silver or Nickel plate
 Contact(male)Brass/Silver or Gold plate
 Contact(female) ...Beryllium copper/Silver or Gold plate
 InsulatorsTeflon
 GasketsSilicone rubber

■ Mating Dimension



Plug Mating Face



Jack Mating Face

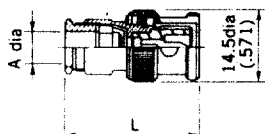
BNC Series



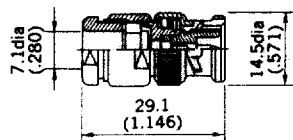
■ Straight plugs

● Clamp type

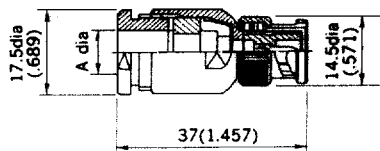
Finish: Shell(Body)/Contact, Unit: mm(inch)



Name	Part no.	Applicable Cable	Dimensions		Finish
			A	L	
BNC-P-3	2540	3D-2V (3C-2V)	6.3 (.248)	25 (.984)	Ag/Ag
BNC-P-3-Ni	2540-004	3D-2V (3C-2V)	6.3 (.248)	25 (.984)	Ni/Ag
BNC-P-58U	2502	RG-55/U RG-58/U	5.4 (.213)	27 (1.063)	Ag/Ag
BNC-P-58U-Ni	2501-001	RG-55/U RG-58/U	5.4 (.213)	27 (1.063)	Ni/Ag
BNC-P-62U	2516	RG-62/U	6.6 (.260)	26.2 (1.031)	Ag/Ag
BNC-P-62U-Ni	2516-052	RG-62/U	6.6 (.260)	26.2 (1.031)	Ni/Ag
UG-88/U	2002-031	RG-55/U RG-58/U	5.4 (.213)	24.6 (.969)	Ag/Ag
UG-88/U-Ni-1	2002-031-052	RG-55/U RG-58/U	5.4 (.214)	24.6 (.969)	Ni/Ag
UG-260/U	2003-031	RG-59/U RG-62/U	6.6 (.260)	24.6 (.969)	Ag/Ag
UG-260/U-Ni	2003-031-052	RG-59/U RG-62/U	6.6 (.260)	24.6 (.969)	Ni/Ag



Name	Part no.	Applicable Cable	Finish
BNC-P-3W	2587	3D-2W (3C-2W)	Ag/Ag



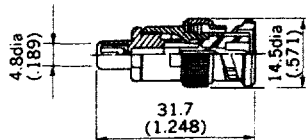
Name	Part no.	Applicable Cable	Dimensions	Finish
			A	
BNC-P-5	2627	5D-2V (5C-2V)	8.6 (.339)	Ag/Ag
BNC-P-5-Ni	2627-052	5D-2V (5C-2V)	8.6 (.339)	Ni/Ag
BNC-P-5W	2599	5D-2W (5C-2W)	9.2 (.362)	Ag/Ag

BNC Series



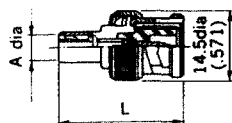
● Crimp type

Finish: Shell(Body)/Contact, Unit: mm(inch)

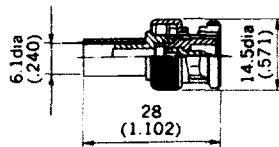


Name	Part no.	Applicable Cable	Finish	Hand crimp tool P/N
BNC-P-1.5V-CR	22041-001	1.5D-2V (1.5C-2V)	Ag/Ag	CR-H-1100
BNC-P-1.5V-CR-Ni	22041-001-052	1.5D-2V (1.5C-2V)	Ni/Ag	CR-H-1100
BNC-P-2.5-CR	22041-004	2.5D-2V (2.5C-2V)	Ag/Ag	CR-H-1100
BNC-P-2.5-CR-Ni	22041-004-052	2.5D-2V (2.5C-2V)	Ni/Ag	CR-H-1100
BNC-P-2.5V-CR	22041	2.5D-2V (2.5C-2V)	Ag/Ag	CR-H-1100
BNC-P-2.5V-CR-Ni	22041-052	2.5D-2V (2.5C-2V)	Ni/Ag	CR-H-1100
BNC-P-179U-CR	22076	RG-179B/U	Ag/Ag	CR-H-1100
BNC-P-179U-CR-Ni	22076-052	RG-179B/U	Ni/Ag	CR-H-1100

(Delta-mate)



Name	Part no.	Applicable Cable	Dimensions		Finish	Hand crimp tool P/N
			A	L		
BNC-P-1.5CQEW-CR10	22233	1.5C-QEW	4.8 (.189)	24.3 (.957)	Ni/Au	CR-H-1119
BNC-P-1.5D-CR10	22124	1.5D-XV 1.5D-QEV	3.5 (.138)	23.3 (.917)	Ni/Au	CR-H-1120A
BNC-P-3C-CR10-B00T	22107-001	3C-2V	6.3 (.248)	24.3 (.957)	Ni/Au	CR-H-1116 (CR-H-1130B)
BNC-P-3D-CR10-B00T	22104-001	3D-2V	6.3 (.248)	24.3 (.957)	Ni/Au	CR-H-1116
BNC-P-5C-CR10	22159	5C-2V	8.6 (.339)	28.7 (1.130)	Ni/Au	CR-H-1130 (CR-H-1130B)
BNC-P-58U-CR10-B00T	22103-001	RG-58/U RG-58A/U	5.5 (.217)	24.3 (.957)	Ni/Au	CR-H-1115



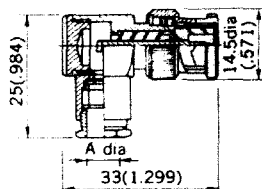
Name	Part no.	Applicable Cable	Finish	Hand crimp tool P/N
BNC-P-3C-CRI	22023	3C-2V	Ag/Ag	CR-H-1102

BNC Series



■ Angle plug

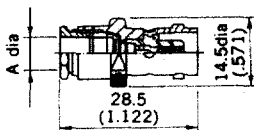
Finish: Shell (Body) / Contact, Unit: mm (inch)



Name	Part no.	Applicable Cable	Dimensions	Finish
			A	
BNC-LP-3	2555	3D-2V (3C-2V)	6.3 (.248)	Ag/Ag
BNC-LP-5-Ni	2620-052	5D-2V (5C-2V)	8.6 (.339)	Ni/Ag
BNC-LP-58U	2504	RG-55/U RG-58/U	5.4 (.213)	Ag/Ag
BNC-LP-58U-Ni	2504-052	RG-55/U RG-58/U	5.4 (.213)	Ni/Ag

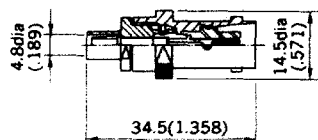
■ Straight jacks

Finish: Shell (Body) / Contact, Unit: mm (inch)



Name	Part no.	Applicable Cable	Dimensions	Finish
			A	
BNC-J-3	2552	3D-2V (3C-2V)	6.4 (.252)	Ag/Ag
BNC-J-3-Ni	2552-052	3D-2V (3C-2V)	6.4 (.252)	Ni/Ag
BNC-J-58U	2507	RG-55/U RG-58/U	5.4 (.213)	Ag/Ag
UG-261/U	2013	RG-59/U RG-62/U	6.6 (.260)	Ag/Ag

• Crimp type



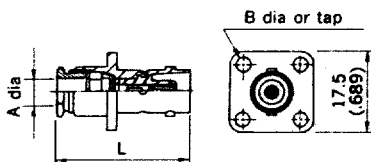
Name	Part no.	Applicable Cable	Finish	Hand crimp tool P/N
BNC-J-2.5-CR	22061	2.5D-2V (2.5C-2V)	Ag/Ag	C-H-1100

BNC Series



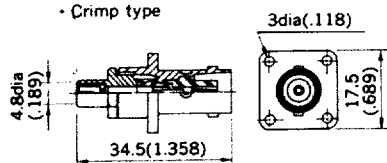
■ Panel jacks

Finish: Shell(Body)/Contact, Unit: mm(inch)



Name	Part no.	Applicable Cable	Dimensions			Finish	Mounting hole
			A	L	B		
BNC-PJ-3	2607	3D-2V (3C-2V)	6.4 (.252)	28.5 (1.122)	3.0 (.118)	Ag/Ag	R
BNC-PJ-3-N4	2607-052	3D-2V (3C-2V)	6.4 (.252)	28.5 (1.222)	3.0 (.118)	Ni/Ag	R
BNC-PJ-58U	2515	RG-55/U RG-58/U	5.4 (.213)	27.0 (1.063)	3.0 (.118)	Ag/Ag	R
BNC-PJ-58U-Ni	2515-052	RG-55/U RG-58/U	5.4 (.213)	27.0 (1.063)	3.0 (.118)	Ni/Ag	R
UG-262/U	2010	RG-59/U RG-62/U	6.6 (.260)	28.6 (1.126)	M2.6 tap	Ag/Ag	R
UG-291/U	2005	RG-55/U RG-58/U	5.4 (.213)	28.6 (1.126)	M2.6 tap	Ag/Ag	R

• Crimp type



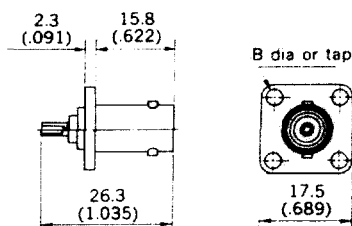
Name	Part no.	Applicable Cable	Finish	Hand crimp tool P/N	Mounting hole
BNC-PJ-1.5V-CR	22062-001	1.5D-2V (1.5C-2V)	Ag/Ag	CR-H-1100	R
BNC-PJ-1.5V-CR-Ni	22062-008	1.5D-2V (1.5C-2V)	Ni/Ag	CR-H-1100	R
BNC-PJ-2.5V-CR	22062	2.5D-2V (2.5C-2V)	Ag/Ag	CR-H-1100	R
BNC-PJ-2.5V-CR-Ni	22062-052	2.5D-2V (2.5C-2V)	Ni/Ag	CR-H-1100	R
BNC-PJ-179BU-CR	22062-003	RG-179B/U	Ag/Ag	CR-H-1100	R

BNC Series

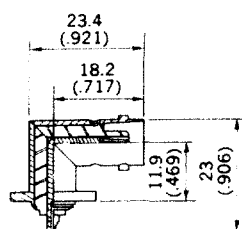


■ Panel receptacles

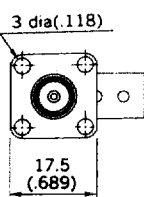
Finish: Shell(Body)/Contact, Unit: mm(inch)



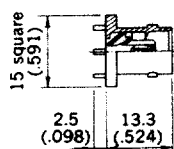
Name	Part no.	Dimensions	Finish	Mounting hole
		B		
BNC-R	S2503	3.1 (.122)	Ag/Ag	S
BNC-R-Ni	S2503-001	3.1 (.122)	Ni/Ag	S
UG-290/U	S2505	M2.6 tap	Ag/Ag	S
UG-290/U-Ni-1	S2505-004	M2.6 tap	Ni/Ag	S



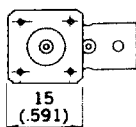
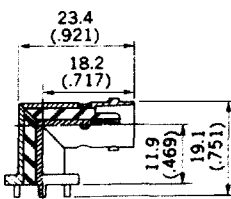
Name	Part no.	Finish	Mounting hole
BNC-LR	2527	Ag/Ag	S
BNC-LR-Ni	2527-052	Ni/Ag	S



Name	Part no.	Finish	Mounting hole
BNC-R-PC-4	22157	Ni/Ag	T



Name	Part no.	Finish	Mounting hole
BNC-LR-PC-4	22158	Ni/Ag	T

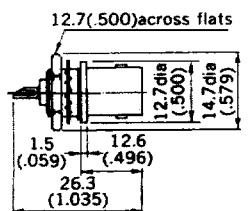


BNC Series

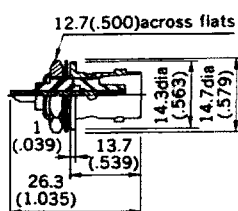


■ Bulkhead receptacles

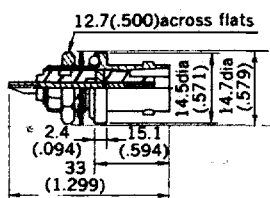
Finish: Shell (Body)/Contact, Unit: mm (inch)



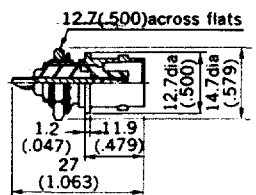
Panel thickness : 1.2-3.5
(.047-.138)



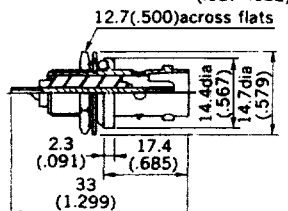
Panel thickness : 0.7-2.4
(.028-.094)



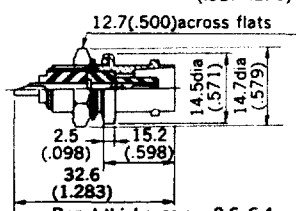
Panel thickness : 2.2-6.0
(.087-.236)



Panel thickness : 2.2-3.1
(.087-.122)



Panel thickness : 2.2-7.0
(.087-.276)



Panel thickness : 2.6-6.4
(.102-.252)

Name	Part no.	Finish	Mounting hole
BNC-RB2	S2504-002	Ag/Ag	U
BNC-RB2-Ni	S2504-002-01	Ni/Ag	U
UG-625/U	S2504-003	Ag/Ag	U
UG-625/U-N4	S2504-003-01	Ni/Ag	U

Name	Part no.	Finish	Mounting hole
UG-604/U	2017	Ag/Ag	V
UG-604/U-Ni-1	2017-052	Ni/Ag	V

Name	Part no.	Finish	Mounting hole
UG-657/U	22004	Ag/Ag	W
UG-657/U-Ni	22004-001	Ni/Ag	W

Name	Part no.	Finish	Mounting hole
UG-1094/U	2031	Ag/Ag	X

Name	Part no.	Finish	Mounting hole
BNC-RB	2501	Ag/Ag	V
BNC-RB-Ni	2501-052	Ni/Ag	V

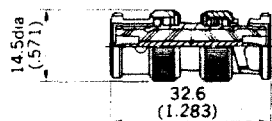
Name	Part no.	Finish	Mounting hole
BNC-RBPI	2533	Ag/Ag	V
BNC-RBPI-Ni	2533-052	Ni/Ag	V

BNC Series

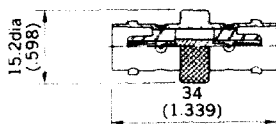


Adapters

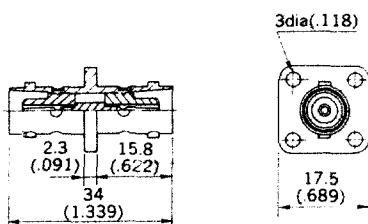
Finish: Shell (Body) / Contact, Unit: mm (inch)



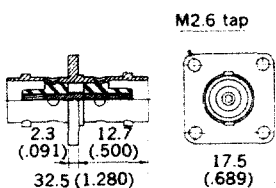
Name	Part no.	Finish
BNC-A-PP	2008-001	Ag/Ag
UG-491/U	2008	Ag/Ag



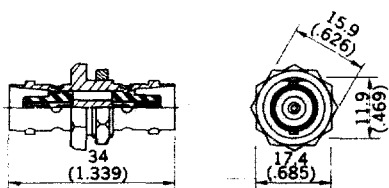
Name	Part no.	Finish
BNC-A-JJ	2505	Ag/Ag
BNC-A-JJ-Ni	2505-052	Ni/Ag



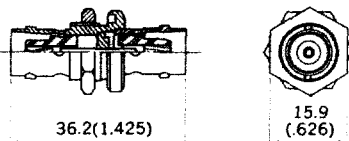
Name	Part no.	Finish	Mounting hole
BNC-PA-JJ	2514	Ag/Ag	R
BNC-PA-JJ-Ni	2514-052	Ni/Ag	R



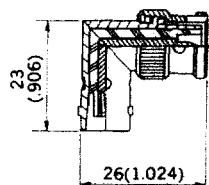
Name	Part no.	Finish	Mounting hole
UG-414/U	2007	Ag/Ag	R



Name	Part no.	Finish	Mounting hole
BNC-AB-JJ	2521	Ag/Ag	Y
BNC-AB-JJ-Ni	2521-052	Ni/Ag	Y



Name	Part no.	Finish	Mounting hole
UG-492/U	2009	Ag/Ag	Z

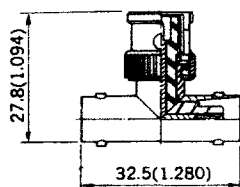


Name	Part no.	Finish
BNC-LA	2506	Ag/Ag

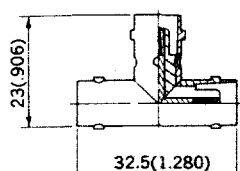
BNC Series



Finish: Shell (Body) / Contact, Unit: mm (inch)

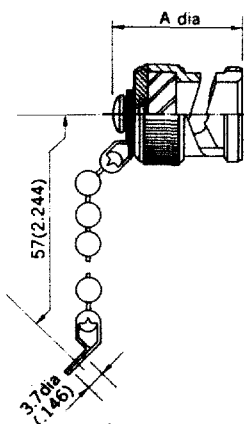


Name	Part no.	Finish
BNC-TA-JPJ	2510	Ag/Ag
BNC-TA-JPJ-Ni	2510-003	Ni/Ag
UG-274/U	2029	Ag/Ag



Name	Part no.	Finish
BNC-TA-JJJ	2511	Ag/Ag
BNC-TA-JJJ-Ni	2511-052	Ni/Ag

Cap



Name	Part no.	Finish	Dimensions
			A
BNC-C	2535	Ag	17.9 (.705)
BNC-C-Ni	2535-052	Ni	17.9 (.705)
CW-123A/U	2001	Ag	18.5 (.728)

BNC Series



■ Mounting hole

Unit:mm(inch)

