

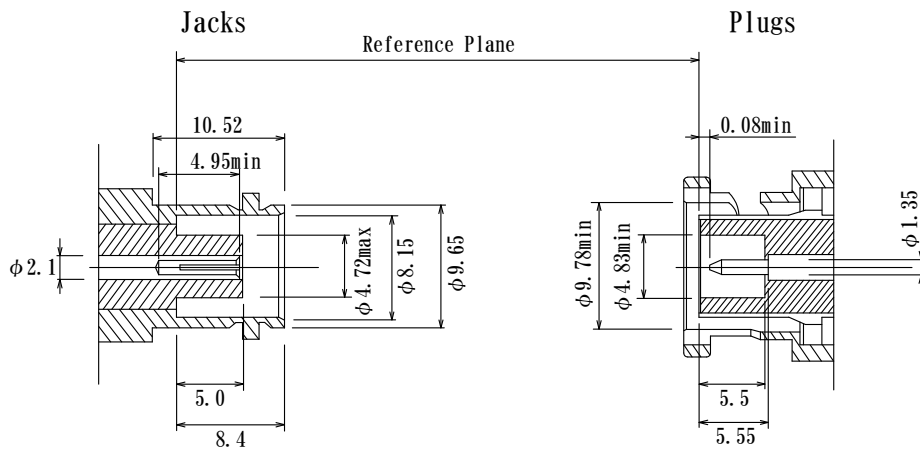
BNC Connectors

With bayonet-lock coupling, it is easy and sure to mate/unmate.

Standard Specifications		MIL-STD-348A	
Nominal impedance		50Ω / 75Ω	
Frequency Range		DC~4GHz / DC~2GHz	
VSWR		DC~2GHz 1.2 max	
Insulation resistance		1000MΩ min at DC 500V	
Dielectric withstanding voltage		AC 1000V 1 minute	
Temperature range		-30°C ~+85°C	
Coupling Holding Force		441N (45kg) min	
Contact Mating Force		0.98N (100g) min	
Contact durability		less than 10mΩ after 500 matings	
Material	Shell	Brass	Gold plated, Nickel plated
	Center Socket Contact	Beryllium copper	Heat treated, Gold plated

Specifications may be subject to change without notice.

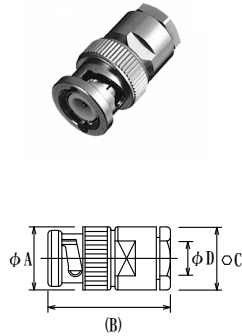
Interface Dimensions



BNC Connectors

Plugs

BNCP-58/U
BNCP-62/U
BNCP-1.5
BNCP-2.5
BNCP-3
BNCP-5
BNCP-3W
BNCP-3.5DFB
BNCP-5DFB
BNC-3CTP

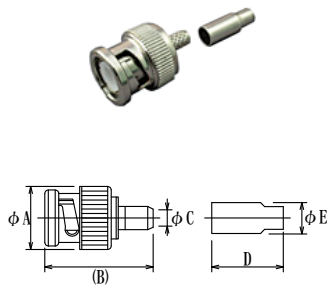


Part No.	A	B	C	D	Finish	Applicable Cable
BNCP-58/U	14.5	24.0	10.8	5.4	Ni	RG-58/U
BNCP-62/U				6.5		RG-62/U
BNCP-1.5				3.3		1.5D-2V, 1.5C-2V, 1.5D-QEV
BNCP-2.5				4.5		2.5D-2V, 2D-LFB-S
BNCP-3				5.9		3D-2V, 3C-2V
BNCP-5				8.0		5D-2V, 5C-2V, 5C-FB
BNCP-3W				6.8		3D-2W, 3C-2W
BNCP-3.5DFB				5.9		3.5D-FAV, 3.5D-QEVF, 3.5D-MFB
BNCP-5DFB				8.0		5D-FB, 5D-FV
BNC-3CTP				8.0		3C-2T

See Cable Assembly Instructions (Soldering type)

Plugs (Crimp type)

BNCP-58A-K
BNCP-1.5A-K
BNCP-1.5D/C
BNCP-3A-K
BNCP-5A-K
BNCP-3DA-K
BNCP-5DA-K

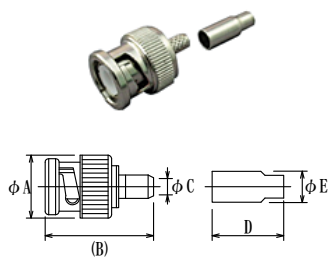


Part No.	A	B	C	D	E	Finish	Applicable Cable
BNCP-58A-K	14.5	23.1	3.0	14.5	6.5	Ni	RG-58/U
BNCP-1.5A-K		21.6	2.7	14.0	5.2		1.5D-2V, 1.5D-QEV
BNCP-1.5D/C		2.2	5.3	1.5D-2V			
BNCP-3A-K		3.25	6.5	3C-2V			
BNCP-5A-K		5.3	9.2	5C-2V			
BNCP-3DA-K		3.25	6.5	3D-2V			
BNCP-5DA-K		5.3	9.2	5D-2V			

See Cable Assembly Instructions (Crimping type)

Crimping Tool
JTA-16/34/35

BNCP-1.5S
BNCP-3SA
BNCP-3FSA
BNCP-5SA
BNCP-5FSA
(Crimp type)



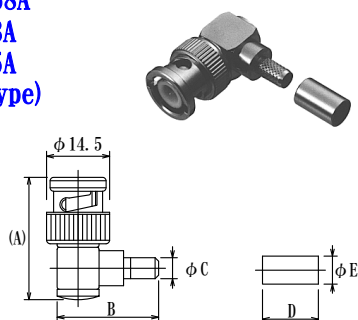
Part No.	A	B	C	D	E	Finish	Applicable Cable
BNCP-1.5S	14.5	23.1	3.2	14.5	6.5	Ni	1.5C-2V, 1.5C-QEV
BNCP-3SA							3C-2V
BNCP-3FSA							3C-FV
BNCP-5SA							5C-2V
BNCP-5FSA							5C-FB, S-5C-FB

See Cable Assembly Instructions (Crimping type)

Crimping Tool
JTA-16/34/35

L Type Plugs

BNC-LP-58A
BNC-LP-3A
BNC-LP-5A
(Crimp type)



Part No.	A	B	C	D	E	Finish	Applicable Cable
BNC-LP-58A	30.1	22.3	3.2	14.5	6.5	Ni	RG-58/U
BNC-LP-3A					3C-2V, 3D-2V		
BNC-LP-5A					5.3		9.2

See Cable Assembly Instructions (Crimping type)

Crimping Tool
JTA-16/34/35

BNC Connectors

Cable Assembly Instructions (Crimping type)

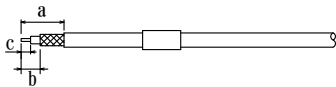
Part No.	a	b	c
BNCP-58A-K	8.0	3.0	3.5
BNCP-3A-K	9.0	2.0	3.0
BNCP-5A-K	9.0	2.0	3.0

(reference)

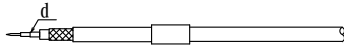
Main body Center contact Crimping sleeve



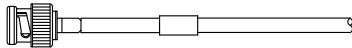
① Confirm Crimping Tool on hand



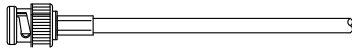
② Pass crimping sleeve over cable. Trim exterior sheathing to dimensions shown as table a, b, and c.



③ Attach center contact to center conductor and crimp at d point.



④ Insert main body between insulators.



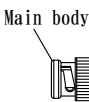
⑤ Return crimping sleeve to main body and crimp it.

Cable Assembly Instructions (Soldering type)

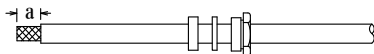
Part No.	a	b
BNCP-58/U	9.0	3.5
BNCP-3		
BNCP-5	10.0	

(reference)

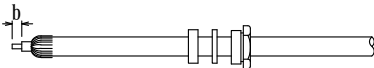
Main body Center contact Gasket Clamp Washer Clamping metal fitting



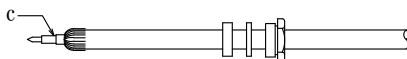
① Remove Clamping metal fitting (Clamp) and each components from main body.



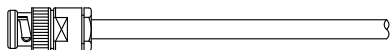
② Pass clamp, washer, and gasket in that order over cable. Trim exterior sheathing to the dimensions shown as table a and b.



③ Attach clamp and turn back exterior sheathing. Trim it.



④ Attach center contact to center conductor and solder at c point.

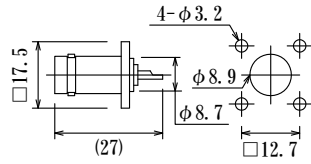


⑤ Insert above ④ cable into main body and clamp it.

BNC Connectors

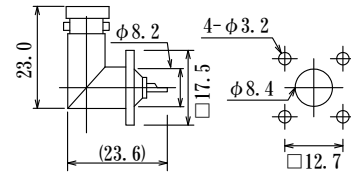
Receptacles

BNC-R



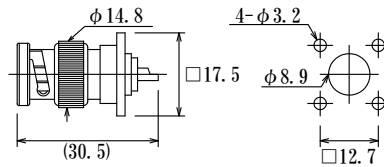
●Ni

BNC-LR



●Ni

BNC-PR

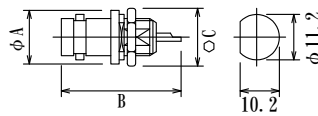


●Ni

Bulkhead Receptacles

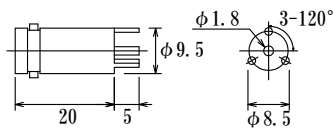
BNC-BR

Part No.	A	B	C	Finish
BNC-BR	13.0	27.0	14.6	Ni



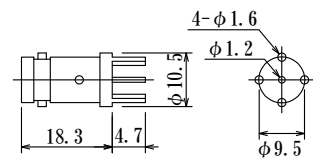
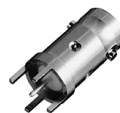
Printed Circuit Board Receptacles

BNC-223R



●Ni

BNC-224R



●Ni

* mark product is made only upon order.