

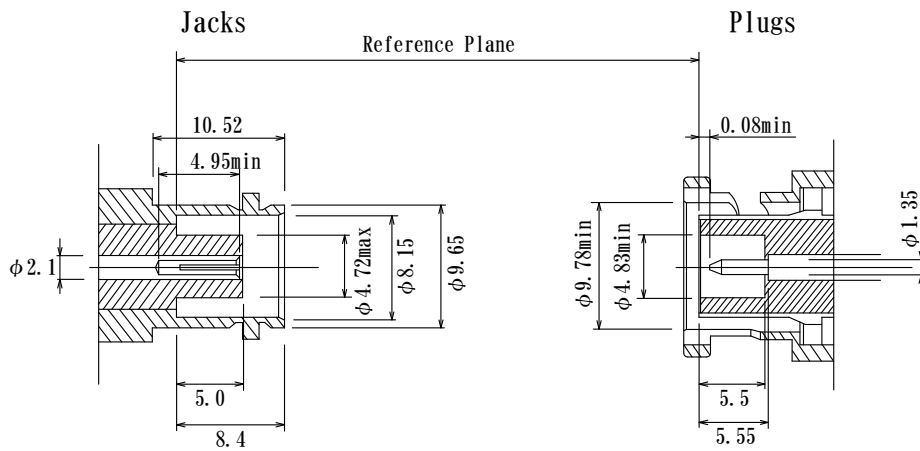
BNC Connectors

バイオネット方式のため、かん合が容易で確実です。一般、RF機器に幅広く使用されています。
With bayonet-lock coupling, it is easy and sure to mate/unmate.

準拠規格 Standard Specifications	MIL-STD-348A	
特性インピーダンス Nominal impedance	50Ω / 75Ω	
周波数範囲 Frequency Range	DC~4GHz / DC~2GHz	
VSWR	DC~2GHzにおいて1.2以下	
絶縁抵抗 insulation resistance	DC 500Vの電圧を加えて1000MΩ以上	
耐電圧 Dielectric withstanding voltage	AC 1000V 1分間印加して異常なき事	
使用温度範囲 Temperature range	-30℃~+85℃	
カップリング結合保持力 Coupling Holding Force	441N (45kg) min	
中心コネクタ保持力 Contact Mating Force	0.98N (100g) min	
コネクタ寿命 Contact durability	500回抜き差し後、接触抵抗は10mΩ以下 less than 10mΩ after 500 matings	
材質 Material	シェル Shell	黄銅 Brass Gold plated, Nickel plated
	中心ソケットコネクタ Center Socket Contact	ベリリウム銅 Beryllium copper 熱処理後、金メッキ Heat treated, Gold plated

上記仕様は代表的製品について適用されます。個々の製品についてはお問合せください。

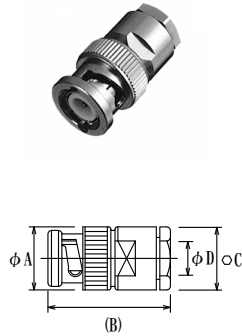
Interface Dimensions



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

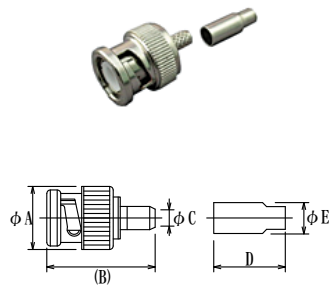


Part No.	A	B	C	D	Finish	適合ケーブル Applicable Cable
BNCP-58/U	14.5	24.0	10.8	5.4	Ni	RG-58/U
BNCP-62/U				6.5		RG-62/U
BNCP-1.5				3.3		1.5D-2V, 1.5C-2V, 1.5D-QEV
BNCP-2.5				4.5		2.5D-2V, 2D-LFB-S
BNCP-3				5.9		3D-2V, 3C-2V
BNCP-5				8.0		5D-2V, 5C-2V, 5C-FB
BNCP-3W				6.8		3D-2W, 3C-2W
BNCP-3.5DFB				5.9		3.5D-FAV, 3.5D-QEVB, 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

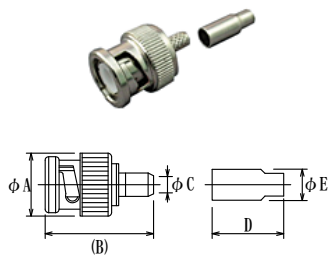


Part No.	A	B	C	D	E	Finish	適合ケーブル Applicable Cable
BNCP-58A-K	14.5	23.1	3.0	14.5	6.5	Ni	RG-58/U
BNCP-1.5A-K		21.6	2.7	14.0	5.2		1.5D-2V, 1.5D-QEV
BNCP-1.5D/C		2.2	5.3	1.5D-2V			
BNCP-3A-K		3.25	6.5	3C-2V			
BNCP-5A-K		5.3	9.2	5C-2V			
BNCP-3DA-K		3.25	6.5	3D-2V			
BNCP-5DA-K		5.3	9.2	5D-2V			

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)



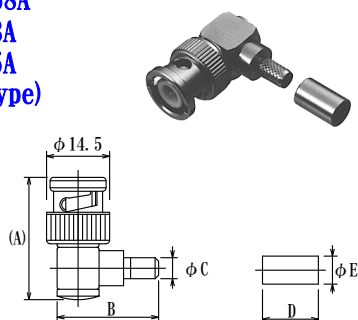
Part No.	A	B	C	D	E	Finish	適合ケーブル Applicable Cable
BNCP-1.5S	14.5	23.1	3.2	14.5	6.5	Ni	1.5C-2V, 1.5C-QEV
BNCP-3SA							3C-2V
BNCP-3FSA							3C-FV
BNCP-5SA							5C-2V
BNCP-5FSA							5C-FB, S-5C-FB

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)



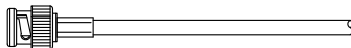
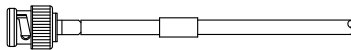
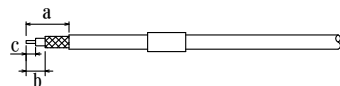
Part No.	A	B	C	D	E	Finish	適合ケーブル Applicable Cable
BNC-LP-58A	30.1	22.3	3.2	14.5	6.5	Ni	RG-58/U
BNC-LP-3A					9.2		3C-2V, 3D-2V
BNC-LP-5A					9.2		5D-2V, 5C-2V

See Cable Assembly Instructions (Crimping type)

Crimping Tool
JTA-16/34/35

BNC Connectors

ケーブル取付方法 (圧着タイプ) Cable Assembly Instructions (Crimping type)

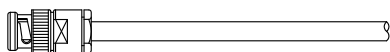
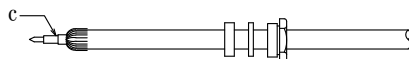
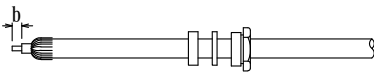
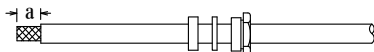
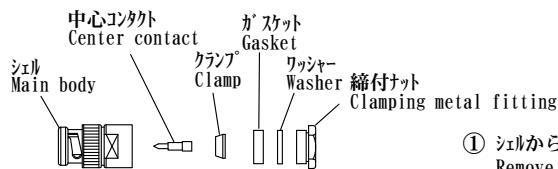


Part No.	a	b	c
BNCP-58A-K	8.0	3.0	3.5
BNCP-3A-K	9.0	2.0	3.0
BNCP-5A-K	9.0	2.0	3.0

(参考値です)

- ① 専用圧着工具を用意します
Confirm Crimping Tool on hand
- ② ケーブルへ圧着スリーブを通し外部被覆をa、外部導体をb、絶縁体をcの寸法で切り取る
Pass crimping sleeve over cable. Trim exterior sheathing to dimensions shown as table a, b, and c.
- ③ 中心コンタクトを中心導体へ装着し、d部を圧着する
Attach center contact to center conductor and crimp at d point.
- ④ シェルのスリーブ部を絶縁体と外部導体の間へ挿入する
Insert main body between insulators.
- ⑤ 圧着スリーブをシェルの位置へ戻し圧着する
Return crimping sleeve to main body and crimp it.

ケーブル取付方法 (ハンダ付タイプ) Cable Assembly Instructions (Soldering type)



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

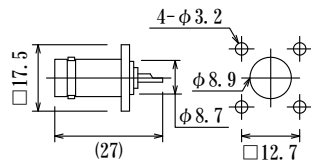
(参考値です)

- ① シェルから締付ナットを外し各部品を取り出す
Remove Clamping metal fitting (Clamp) and each components from main body.
- ② ケーブルへ締付ナット、ワッシャー、ガスケットの順に通し外部被膜をa、絶縁体をbの寸法で切り取る
Pass clamp, washer, and gasket in that order over cable. Trim exterior sheathing to the dimensions shown as table a and b.
- ③ クランプを装着し外部導体を折り返して切り揃える
Attach clamp and turn back exterior sheathing. Trim it.
- ④ 中心コンタクトを中心導体へ装着し、c部をハンダ付けする
Attach center contact to center conductor and solder at c point.
- ⑤ ④でできたケーブルをシェルへ挿入し締付ナットで固定する
Insert above ④ cable into main body and clamp it.

BNC Connectors

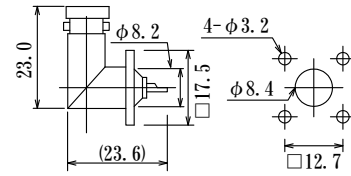
Receptacles

BNC-R



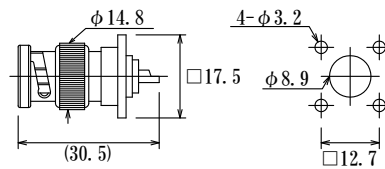
●Ni

BNC-LR



●Ni

BNC-PR

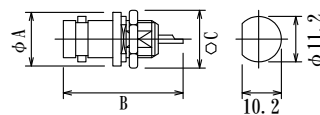


●Ni

Bulkhead Receptacles

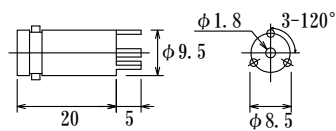
BNC-BR

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



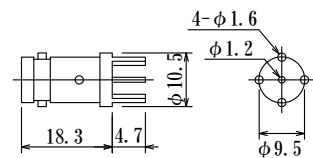
Printed Circuit Board Receptacles

BNC-223R



●Ni

BNC-224R



●Ni