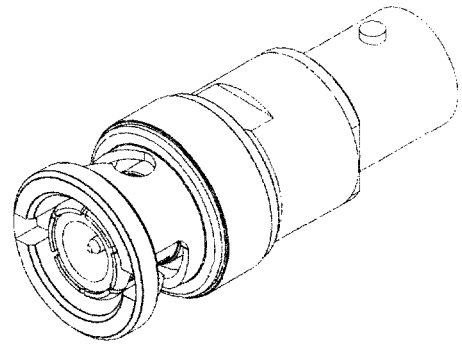


BNC Series

50 Ohms

Bayonet Locking



Features

- Miniature
- Weatherproof
- For applications below 4 GHz
- Made to MIL-C-39012

Options

- Small and Medium Sized Cables
- Straight, Right-Angle, Long Crimp, Short Crimp, Flange Mount, Single Hole Mount, Printed Circuit Board, Cap and Chain, Termination, Cross and Tee types available
- Adapters available

Specifications

- MIL-C-39012
- MIL-G-45204
- MIL-STD-348
- QQ-S-365
- MIL-STD-202
- ZZ-R-765
- QQ-C-530
- QQ-B-626

Mating Data

- RG-/U Cables (See page 30-9)

Technical Data

Materials

- Body Parts Brass, QQ-B-626, 1/2 HD.
- Contacts
 - ▶ Male Brass QQ-B-626, 1/2HD.
 - ▶ Female Beryllium copper QQ-C-530
- Insulators PTFE Fluorocarbon
- Gaskets Silicon Rubber ZZ-R-765

Plating

All parts plated to meet finish and corrosion requirements of MIL-C-39012

- Finish
 - ▶ Gold MIL-G-45204
 - ▶ Nickel IP23
 - ▶ Silver QQ-S-365
 - ▶ Tri-Alloy P20

Electrical Performance

- Impedance 50Ω nominal
- Frequency D.C. to 4 GHz
- Insulation Resistance 5,000 MΩ Minimum
- Voltage Rating 500 VRMS working Voltage
- Dielectric Withstanding 1,500 VRMS at sea level
- R.F. Leakage -55dB Minimum at 2 to 3 GHz

- R.F. High Potential Withstanding Voltage 1,000 VRMS at 5 to 7.5 MHz
- Voltage Standing Wave ratio (VSWR) ... 1.30 Max. to 4 GHz
- Insertion Loss 0.2 dB Maximum at 3 GHz
- Contact Resistance
 - ▶ Outer contact 0.2 mΩ Maximum
 - ▶ Center contact 1.5 mΩ Maximum

Mechanical Performance

- Force to Engage and Disengage
 - ▶ Longitudinal force 3 lbs Maximum
 - ▶ Torque 2 1/2 inch-lbs Maximum
- Coupling Nut Retention Force 100 lbs Minimum
- Connector Durability 500 cycles Minimum

Operating Environment

- Temperature range -65°C to +165°C
- Vibration MIL-STD-202, method 204, cond D.
- Shock MIL-STD-202, method 213, cond. G
- Thermal shock MIL-STD-202, method 107, cond. B -65°C to +115°C
- Corrosion (salt spray) . MIL-STD-202, method 101, cond. B
- Moisture Resistance MIL-STD-202, method 106

Packaging

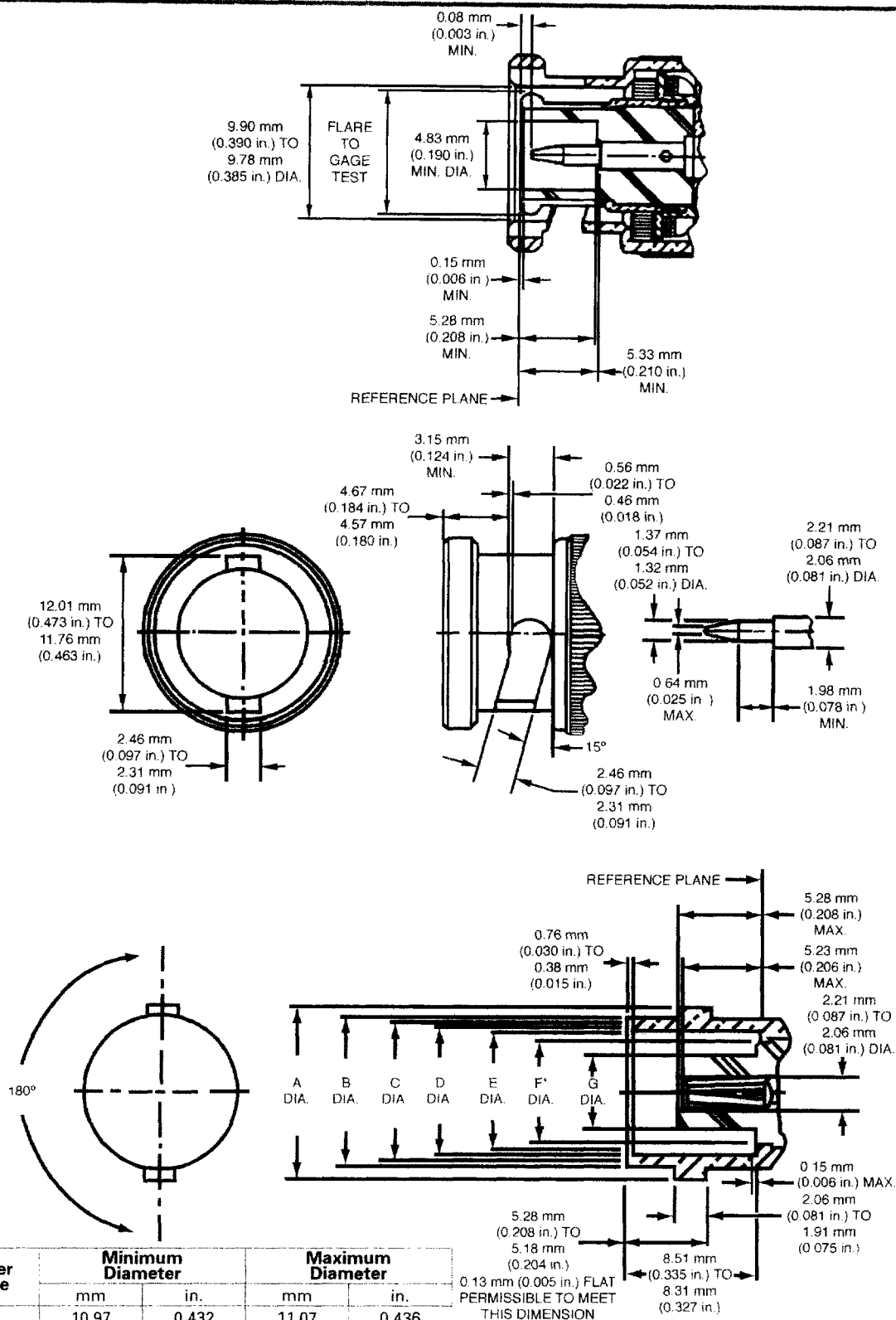
- Single Bag
- Custom packaging available upon request.

Customer Support Materials

Description	Order No.
Customer Product Drawings.....	By Part Number
Product Substitutions	Contact Technical Support

Description	Order No.
Product Samples.....	Upon Request
Test Data	Upon Request

Interface Dimensions per MIL-STD-348



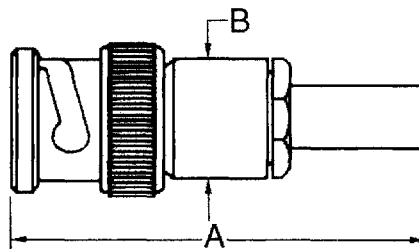
Letter Code	Minimum Diameter		Maximum Diameter	
	mm	in.	mm	in.
A	10.97	0.432	11.07	0.436
B	9.60	0.378	9.70	0.382
C	8.79	0.346	9.04	0.356
D	8.31	0.327	8.46	0.333
E	8.10	0.319	8.15	0.321
F*			6.50	0.256
G			4.72	0.186

* Only applies if dielectric protrudes beyond reference plane.

BNC 50 Ohm Cable Plugs

Description

BNC 50 Ohm Cable Plug Long Crimp Straight



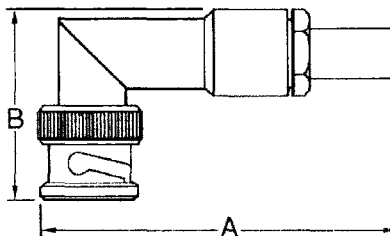
Ordering Data

BNC 50 Ohm Cable Plug Long Crimp Straight

Part Number	Cable RG-/U	Crimp Tool Hex		Dimension				Finish	Assembly Instructions
				A		B			
		mm	in.	mm	in.	mm	in.		
28P106-1	58, 141	5.41	0.213	38.10	1.500	11.11	0.438	Silver	AI-37
28P106-2	59, 62, 140	6.48	0.255	38.10	1.500	11.11	0.438	Silver	AI-37
28P106-3	55, 142, 223	5.41	0.213	38.10	1.500	11.11	0.438	Silver	AI-37
28P106-5	122, 180, 195	4.52	0.178	38.10	1.500	11.11	0.438	Silver	AI-37
28P106-7	178, 196	2.67	0.105	38.10	1.500	11.11	0.438	Nickel	AI-37
28P106-11	174, 179, 316	3.25	0.128	38.10	1.500	11.11	0.438	Silver	AI-37

Description

BNC 50 Ohm Cable Plug Long Crimp Right-Angle

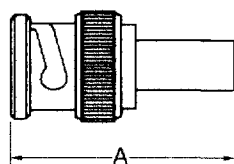


Ordering Data

BNC 50 Ohm Cable Plug Long Crimp Right-Angle

Part Number	Cable RG-/U	Crimp Tool Hex		Dimension				Finish	Assembly Instructions
		mm	in.	A		B			
				mm	in.	mm	in.		
28P149-1	58, 141	5.41	0.213	46.83	1.844	27.78	1.094	Silver	AI-37
28P149-2	59, 62, 140	6.48	0.255	46.84	1.844	27.79	1.094	Silver	AI-37
28P149-3	55, 142, 223	5.41	0.213	46.84	1.844	27.79	1.094	Silver	AI-37
28P149-5	122, 180, 195	4.52	0.178	46.84	1.844	27.79	1.094	Silver	AI-37
28P149-7	178, 196	2.67	0.105	46.84	1.844	27.79	1.094	Nickel	AI-37
28P149-10	174, 179, 316	3.25	0.128	46.84	1.844	27.79	1.094	Silver	AI-37

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800



Description

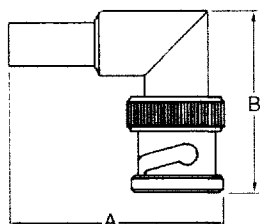
BNC 50 Ohm Cable Plug - Short Crimp Straight

Ordering Data

BNC 50 Ohm Cable Plug - Short Crimp Straight

Part Number	Cable RG-/U	Crimp Tool Hex		Dimension A		Finish	Assembly Instructions	Note
		mm	in.	mm	in.			
28P107-1	58, 141	5.41	0.213	29.77	1.172	Silver	AI-26	
28P107-2	59, 62, 140	6.48	0.255	29.77	1.172	Silver	AI-26	
28P107-3	55, 142, 223	5.41	0.213	29.77	1.172	Silver	AI-26	
28P107-5	122, 180, 195	4.52	0.178	29.77	1.172	Silver	AI-26	
28P184-1	174, 179, 316	4.52	0.178	29.77	1.172	Nickel	AI-125	
28P270-6	58, 303	5.41	0.213	28.58	1.125	Silver	AI-334	1
28P270-8	59	6.48	0.255	28.58	1.125	Silver	AI-334	1
28P270-10	55, 142, 223, 400	5.41	0.213	28.58	1.125	Silver	AI-110	1

Note 1 - Captive Contact



Description

BNC 50 Ohm Cable Plug - Short Crimp Right-Angle

Ordering Data

BNC 50 Ohm Cable Plug - Short Crimp Right-Angle

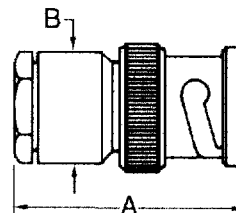
Part Number	Cable RG-/U	Crimp Tool Hex		Dimension				Finish	Assembly Instructions	Note
				A		B				
		mm	in.	mm	in.	mm	in.			
28P150-1	58, 141	5.41	0.213	38.89	1.531	26.19	1.031	Silver	AI-26	
28P150-2	59, 62, 140	6.48	0.255	38.89	1.531	26.19	1.031	Silver	AI-26	
28P150-3	55, 142, 223	5.41	0.213	38.89	1.531	26.19	1.031	Silver	AI-26	
28P150-5	122, 180, 195	4.52	0.178	38.89	1.531	26.19	1.031	Silver	AI-26	
28P271-5	59, 62, 210	6.48	0.255	42.07	1.656	26.19	1.031	Silver	AI-26	1
28P271-6	58, 303	5.41	0.213	42.06	1.656	26.19	1.031	Silver	AI-26	1
28P271-7	142, 223, 400	5.41	0.213	42.06	1.656	26.19	1.031	Silver	AI-26	1

Note 1 - Captive Contact

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

Description

BNC 50 Ohm Cable Plug - Straight Cut Straight



Ordering Data

BNC 50 Ohm Cable Plug - Straight Cut Straight

Part Number	Cable RG-/U	Dimension				Finish	Assembly Instructions	Note
		A		B				
		mm	in.	mm	in.			
28P102-1	58	26.99	1.063	12.70	0.500	Silver	AI-12	1
28P102-2	59	26.99	1.063	12.70	0.500	Silver	AI-12	2
28P102-3	174	26.99	1.063	12.70	0.500	Silver	AI-12	3
28P102-4	223	27.00	1.063	12.70	0.500	Silver	AI-12	
28P102-19	180, 195	27.00	1.063	12.70	0.500	Silver	AI-12	4
28P108-1	0.141 OD SR	26.59	1.047	12.70	0.500	Silver	AI-21	5
28P108-2	0.085 OD SR	26.59	1.047	12.70	0.500	Silver	AI-21	6
28P113-3	179	26.59	1.047	12.70	0.500	Silver	AI-14	
28P114-1	178, 196	26.59	1.047	12.70	0.500	Silver	AI-14	
28P154-1	58	26.99	1.063	12.70	0.500	Silver	AI-332	
28P225-1	178, 196	26.99	1.063	12.70	0.500	Silver	AI-55	
28P265-3	122	27.38	1.078	12.70	0.500	Silver	AI-20	
28P265-4	303	27.38	1.078	12.70	0.500	Silver	AI-20	
28P265-5	302	27.38	1.078	12.70	0.500	Silver	AI-20	

Note 1 - Also available in clamp cable termination for cable 58 as 28P109-1 or M39012 type as 28P265-1

Note 2 - Also available in clamp cable termination for cable 59 as 28P109-2 or M39012 type as 28P265-2

Note 3 - Also available in clamp cable termination for cable 174 as 28P113-1

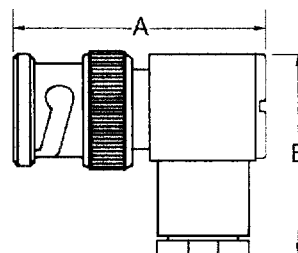
Note 4 - Also available in clamp cable termination for cable 180 & 195 as 28P113-2

Note 5 - Termination is plug-in clamp. Also available in solder on style as 28P206-1 or in solder on bushing as 28P254-1

Note 6 - Termination is plug-in clamp

Description

BNC 50 Ohm Cable Plug - Straight Cut Right-Angle



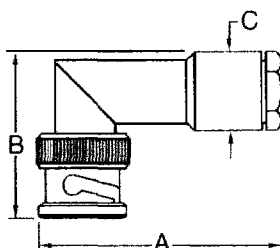
Ordering Data

BNC 50 Ohm Cable Plug - Straight Cut Right-Angle

Part Number	Cable RG-/U	Dimension				Finish	Assembly Instructions	Note
		A		B				
		mm	in.	mm	in.			
28P143-1	55, 58	30.16	1.188	23.81	0.938	Silver	AI-109	1
28P143-2	59, 62, 71	30.18	1.188	23.81	0.938	Silver	AI-109	1
28P143-4	187, 188	30.18	1.188	23.81	0.938	Silver	AI-109	1
28P234-1	180, 195	30.18	1.188	25.00	0.984	Nickel	AI-46	
28P234-2	59, 62, 71	30.18	1.188	25.00	0.984	Silver	AI-46	
28P242-1	58, 223	30.18	1.188	25.40	1.000	Silver	AI-333	

Note 1 - Clamp Cable Termination

To Obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800



Description

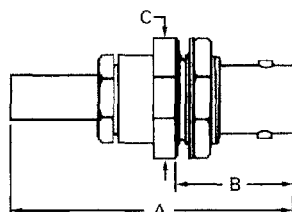
BNC 50 Ohm Cable Plug - Straight Cut Right-Angle

Ordering Data

BNC 50 Ohm Cable Plug - Straight Cut Right-Angle

Part Number	Cable RG-/U	Dimension						Finish	Assembly Instructions	Note
		A		B		C				
		mm	in.	mm	in.	mm	in.			
28P132-1	58	39.70	1.563	27.79	1.094	12.70	0.500	Silver	AI-12	1
28P132-2	59	39.70	1.563	27.79	1.094	12.70	0.500	Silver	AI-12	
28P132-3	174	39.70	1.563	27.79	1.094	12.70	0.500	Silver	AI-12	
28P132-4	223	39.70	1.563	27.79	1.094	12.70	0.500	Silver	AI-12	

Note 1 - Also available in clamp cable termination for cable 59 & 62 & 71 as 28P100-3



Description

BNC 50 Ohm Cable Jack - Single Hole Mount Long Crimp Straight

Ordering Data

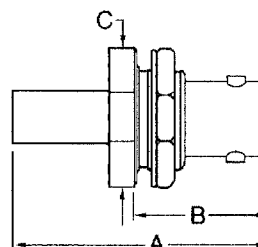
BNC 50 Ohm Cable Jack - Single Hole Mount Long Crimp Straight

Part Number	Cable RG-/U	Crimp Tool Hex		Dimension						Finish	Mtg. Hole	Assembly Instructions	Note
				A		B		C					
		mm	in.	mm	in.	mm	in.	mm	in.				
28JS105-1	58, 141	5.41	0.213	45.24	1.781	19.05	0.750	15.88	0.625	Silver	D4	AI-37	Isolated Ground
28JS105-2	59, 62, 140	6.48	0.255	45.24	1.781	19.05	0.750	15.88	0.625	Silver	D4	AI-37	Isolated Ground
28JS122-1	58, 141	5.41	0.213	38.10	1.500	17.07	0.672	17.46	0.688	Silver	D4	AI-37	
28JS122-2	59, 62, 140	6.48	0.255	38.10	1.500	17.07	0.672	17.46	0.688	Silver	D4	AI-37	
28JS122-3	187, 188, 316	3.25	0.128	38.10	1.500	17.07	0.672	17.46	0.688	Nickel	D4	AI-37	
28JS122-8	178, 196	2.67	0.105	38.10	1.500	17.07	0.672	17.46	0.688	Silver	D4	AI-37	
28JS152-1	187, 188	4.52	0.178	45.24	1.781	19.84	0.781	15.88	0.625	Nickel	D4	AI-37	

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

Description

**BNC 50 Ohm Cable Jack -
Single Hole Mount Short Crimp Straight**



Ordering Data

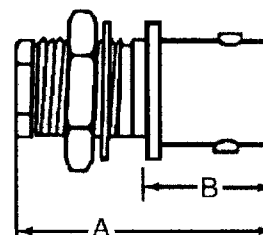
BNC 50 Ohm Cable Jack - Single Hole Mount Short Crimp Straight

Part Number	Cable RG-/U	Crimp Tool Hex		Dimension						Finish	Mtg. Hole	Assembly Instructions	Note
				A		B		C					
		mm	in.	mm	in.	mm	in.	mm	in.				
28JS126-1	58, 141	5.41	0.213	33.34	1.313	17.07	0.672	17.46	0.688	Silver	D4	AI-26	
28JS126-2	59, 62, 140	6.48	0.255	33.34	1.313	17.07	0.672	17.46	0.688	Silver	D4	AI-26	
28JS126-3	55, 142, 223	5.41	0.213	33.34	1.313	17.07	0.672	17.46	0.688	Silver	D4	AI-26	
28JS126-6	122, 180, 195	4.52	0.178	33.34	1.313	17.07	0.672	17.46	0.688	Silver	D4	AI-26	
28JS198-1	58	5.41	0.213	34.93	1.375	20.64	0.813	17.46	0.688	Nickel	D4	AI-118	1
28JS198-2	59, 62, 210	6.48	0.255	34.93	1.375	20.64	0.813	17.46	0.688	Nickel	D4	AI-118	1
28JS198-3	180, 195	4.52	0.178	34.93	1.375	20.64	0.813	17.46	0.688	Nickel	D4	AI-118	1
28JS204-1	174, 188, 316	4.52	0.178	34.93	1.375	19.05	0.750	17.46	0.688	Nickel	D4	AI-126	1

Note 1 - Crimp Captive Contact

Description

**BNC 50 Ohm Cable Jack -
Single Hole Mount Solder Straight**

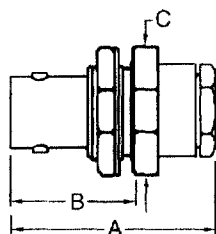


Ordering Data

BNC 50 Ohm Cable Jack - Single Hole Mount Solder Straight

Part Number	Cable RG-/U	Dimension				Finish	Mtg. Hole	Assembly Instructions
		A		B				
		mm	in.	mm	in.			
28JS155-1	0.085 OD SR	23.02	0.906	14.29	0.563	Nickel	D8	AI-65
28JS155-2	0.141 OD SR	23.02	0.906	14.29	0.563	Nickel	D8	AI-65

To Obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800



Description

BNC 50 Ohm Cable Jack - Single Hole Mount Straight Cut Straight

Ordering Data

BNC 50 Ohm Cable Jack - Single Hole Mount Straight Cut Straight

Part Number	Cable RG-/U	Dimension						Finish	Mtg. Hole	Assembly Instructions	Note
		A		B		C					
		mm	in.	mm	in.	mm	in.				
28JS104-1	58	36.51	1.438	19.05	0.750	15.88	0.625	Silver	D4	AI-12	1
28JS104-2	59, 62	36.51	1.438	19.05	0.750	15.88	0.625	Silver	D4	AI-12	2
28JS104-3	174, 187, 188	36.51	1.438	19.05	0.750	15.88	0.625	Silver	D4	AI-12	3
28JS120-1	58	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-12	
28JS120-2	59	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-12	
28JS120-3	174, 188	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-12	
28JS120-4	223	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-12	
28JS120-9	302	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-12	
28JS120-12	178, 196	28.58	1.125	20.64	0.813	17.46	0.688	Nickel	D4	AI-12	
28JS129-4	180, 195	37.31	1.469	19.05	0.750	15.88	0.625	Silver	D4	AI-14	
28JS138-1	179	37.31	1.469	11.91	0.469	15.88	0.625	Silver	D4	AI-330	
28JS154-1	0.141 OD SR	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-14	4
28JS154-2	0.085 OD SR	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-14	4
28JS179-1	0.141 SR	28.58	1.125	17.07	0.672	4.37	0.172	Silver	D4	AI-331	5
28JS185-4	122	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-119	
28JS185-5	303	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-119	
28JS185-6	302	28.58	1.125	20.64	0.813	17.46	0.688	Silver	D4	AI-119	

Note 1 - Isolated Ground. Also available in clamp cable termination as 28JS129-1 or M39012 type as 28JS185-2.

Note 2 - Isolated Ground. Also available in clamp cable termination as 28JS129-2 or M39012 type as 28JS185-3.

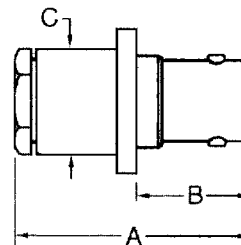
Note 3 - Isolated Ground. Also available in clamp cable termination as 28JS129-3.

Note 4 - Cable termination is plug-in/clamp.

Note 5 - Cable termination is solder on bushing/clamp.

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

Description
BNC 50 Ohm Cable Jack -
Flange Mount Straight Cut Straight



Ordering Data
BNC 50 Ohm Cable Jack - Flange Mount Straight Cut Straight

Part Number	Cable RG-/U	Dimension						Finish	Mtg. Hole	Assembly Instructions	Note
		A		B		C					
		mm	in.	mm	in.	mm	in.				
28JF106-1	58	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-12	3
28JF106-2	59	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-12	2
28JF106-3	174, 188	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-12	
28JF106-4	223	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-12	
28JF113-1	0.141 OD SR	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-339	1
28JF113-2	0.085 OD SR	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-339	1
28JF114-3	122	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-119	4
28JF114-4	303	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-119	4
28JF114-5	302	28.58	1.125	13.89	0.547	12.70	0.500	Silver	3A	AI-119	4

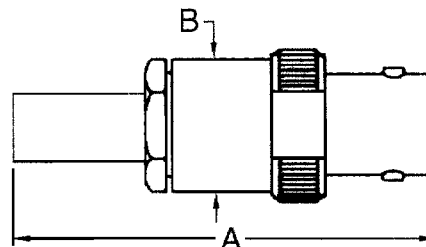
Note 1 - Termination is solder on bushing

Note 2 - Also available in clamp cable termination for cable 59 and M39012 type as 28JF114-1.

Note 3 - Also available in clamp cable termination for cable 58 and M39012 type as 28JF114-2.

Note 4 - Clamp cable termination and M39012 type.

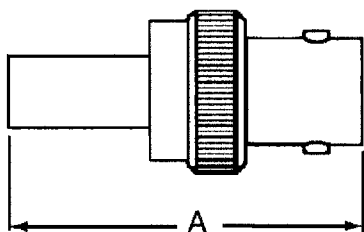
Description
BNC 50 Ohm Cable Jack - Long Crimp Straight



Ordering Data
BNC 50 Ohm Cable Jack - Long Crimp Straight

Part Number	Cable RG-/U	Crimp Tool Hex		Dimension				Finish	Assembly Instructions
				A		B			
		mm	in.	mm	in.	mm	in.		
28J106-1	58, 141	5.41	0.213	37.31	1.469	11.11	0.438	Silver	AI-37
28J106-2	59, 62, 140	6.48	0.255	37.31	1.469	11.11	0.438	Silver	AI-37
28J106-3	55, 142, 223	5.41	0.213	37.31	1.469	11.11	0.438	Silver	AI-37
28J106-4	71	6.81	0.268	37.31	1.469	11.11	0.438	Silver	AI-37
28J106-5	122, 180, 195	4.52	0.178	37.31	1.469	11.11	0.438	Silver	AI-37
28J106-8	178, 196	2.67	0.105	37.31	1.469	11.11	0.438	Nickel	AI-37

To Obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800



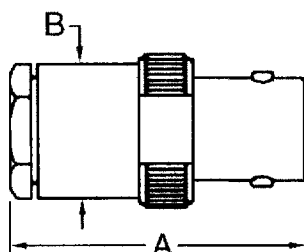
Description
BNC 50 Ohm Cable Jack - Short Crimp Straight

Ordering Data

BNC 50 Ohm Cable Jack - Short Crimp Straight

Part Number	Cable RG-/U	Crimp Tool Hex		Dimension A		Finish	Assembly Instructions	Note
		mm	in.	mm	in.			
28J107-1	58, 141	5.41	0.213	31.35	1.234	Silver	AI-26	
28J107-2	59, 62, 140	6.48	0.255	31.35	1.234	Silver	AI-26	
28J107-3	55, 142, 223	5.41	0.213	31.34	1.234	Silver	AI-26	
28J129-1	174	4.52	0.178	31.34	1.234	Nickel	AI-186	
28J163-2	142, 223, 400	5.41	0.213	30.16	1.188	Silver	AI-118	1
28J163-5	59, 62, 210	6.48	0.255	30.18	1.188	Silver	AI-118	1
28J163-6	58	5.41	0.213	30.18	1.188	Silver	AI-118	1

Note 1 - Crimp Captive Contact



Description
BNC 50 Ohm Cable Jack - Straight Cut Straight

Ordering Data

BNC 50 Ohm Cable Jack - Straight Cut Straight

Part Number	Cable RG-/U	Dimension				Finish	Assembly Instructions	Note
		A		B				
		mm	in.	mm	in.			
28J112-1	58	28.58	1.125	12.70	0.500	Silver	AI-14	1
28J112-2	59	28.58	1.125	12.70	0.500	Silver	AI-14	2
28J112-3	223	28.58	1.125	12.70	0.500	Silver	AI-14	
28J112-4	174, 316	28.58	1.125	12.70	0.500	Silver	AI-14	
28J112-7	180, 195	28.58	1.125	12.70	0.500	Silver	AI-14	
28J112-9	303	28.58	1.125	12.70	0.500	Silver	AI-14	3
28J150-1	178, 196	28.58	1.125	12.70	0.500	Silver	AI-56	
28J161-3	122	28.58	1.125	12.70	0.500	Silver	AI-14	4
28J161-4	303	28.58	1.125	12.70	0.500	Silver	AI-14	
28J161-5	302	28.58	1.125	12.70	0.500	Silver	AI-14	4

Note 1 - Also available in clamp cable termination for cable 58 and M39012 type as 28J161-1.

Note 2 - Also available in clamp cable termination for cable 59 and M39012 type as 28J161-2

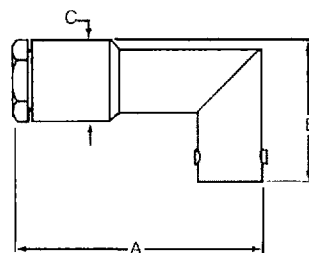
Note 3 - Also available in clamp cable termination for cable 303 and M39012 type as 28J161-4

Note 4 - Clamp cable termination and M39012 type.

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

Description

BNC 50 Ohm Cable Jack - Straight Cut Right-Angle



Ordering Data

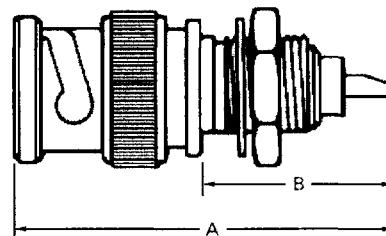
BNC 50 Ohm Cable Jack - Straight Cut Right-Angle

Part Number	Cable RG-/U	Dimension						Finish	Assembly Instructions
		A		B		C			
		mm	in.	mm	in.	mm	in.		
28J128-1	58	42.07	1.656	21.83	0.859	12.70	0.500	Silver	AI-12

BNC 50 Ohm Receptacles

Description

BNC 50 Ohm Receptacle Plug - Single Hole Mount Solder Straight



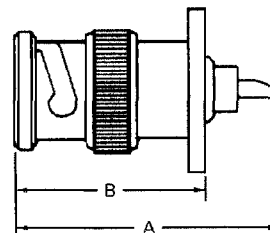
Ordering Data

BNC 50 Ohm Receptacle Plug - Single Hole Mount Solder Straight

Part Number	Mounting Hole	Dimension				Finish
		A		B		
		mm	in.	mm	in.	
28PR107-1	D8	31.75	1.250	15.08	0.594	Silver
28PR123-1	D4	31.75	1.250	14.29	0.563	Silver

Description

BNC 50 Ohm Receptacle Plug - Flange Mount Solder Straight



Ordering Data

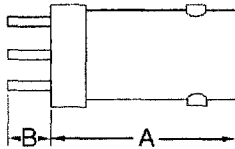
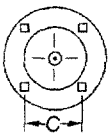
BNC 50 Ohm Receptacle Plug - Flange Mount Solder Straight

Part Number	Mounting Plate	Dimension				Finish
		A		B		
		mm	in.	mm	in.	
28PR103-2	2B	30.16	1.188	21.43	0.844	Silver
28PR105-1	1A	30.18	1.188	21.44	0.844	Silver

To Obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

Description

BNC 50 Ohm Receptacle Jack -
Printed Circuit Board Straight
Square Leg Version Shown



Ordering Data

BNC 50 Ohm Receptacle Jack - Printed Circuit Board Straight

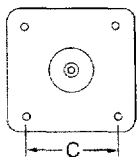
Part Number	Dimension						Finish	Mtg. PCB	Note
	A		B		C				
	mm	in.	mm	in.	mm	in.			
28JR299-3	17.86	0.703	4.80	0.189	6.35	0.250	Nickel	B2	1
28JR536-1	16.00	0.630	4.29	0.169	6.88	0.271	Nickel	B4	2

Note 1 - 4 legs 1.02 mm (0.040 in.) square

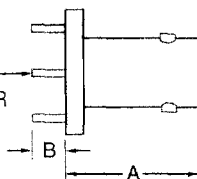
Note 2 - Compliant Pin Termination

Description

BNC 50 Ohm Receptacle Jack -
Printed Circuit Board Straight



5 LEGS
.038 DIAMETER



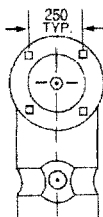
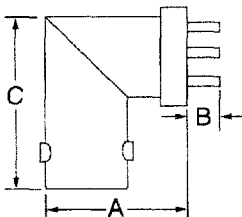
Ordering Data

BNC 50 Ohm Receptacle Jack - Printed Circuit Board Straight

Part Number	Dimension						Finish	Mtg. PCB
	A		B		C			
	mm	in.	mm	in.	mm	in.		
28JR198-1	17.86	0.703	4.80	0.189	12.70	0.500	Silver	B1
28JR198-2	16.67	0.656	3.18	0.125	12.70	0.500	Silver	B1

Description

BNC 50 Ohm Receptacle Jack -
Printed Circuit Board Right-Angle



Ordering Data

BNC 50 Ohm Receptacle Jack - Printed Circuit Board Right-Angle

Part Number	Dimension						Finish	Mtg. PCB	Note
	A		B		C				
	mm	in.	mm	in.	mm	in.			
28JR330-1	15.48	0.609	4.80	0.189	20.24	0.797	Nickel	B2	3
28JR342-1	10.97	0.432	3.33	0.131	27.43	1.080	Nickel	B7	1
28JR396-1	10.97	0.432	3.33	0.131	27.43	1.080	Nickel	B7	1 & 2

Note 1 - 1.27 mm (0.050 in.) square PCB legs

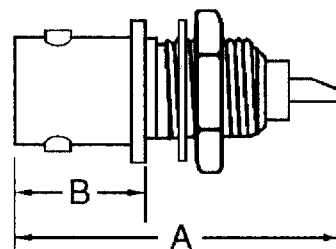
Note 2 - Zinc Body

Note 3 - 1.02 mm (0.040 in.) square PCB legs

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

Description

**BNC 50 Ohm Receptacle Jack -
Single Hole Mount Solder Straight**



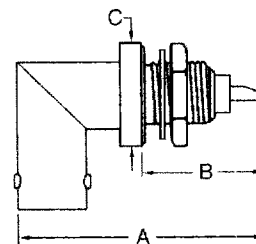
Ordering Data

BNC 50 Ohm Receptacle Jack - Single Hole Mount Solder Straight

Part Number	Dimension				Finish	Mtg. Hole	Note
	A		B				
	mm	in.	mm	in.			
28JR103-2	26.99	1.063	11.91	0.469	Silver	D4	Isolated Ground Isolated Ground Reverse Mount
28JR106-1	26.99	1.063	12.30	0.484	Silver	D4	
28JR115-1	26.99	1.063	19.05	0.750	Silver	D4	
28JR126-1	32.94	1.297	15.08	0.594	Silver	DD2	M39012 Type Reverse Mount
28JR205-1	26.99	1.063	11.91	0.469	Nickel	DD4	
28JR281-1	30.16	1.188	11.91	0.469	Silver	D8	
28JR284-1	26.99	1.063	19.84	0.781	Nickel	D4	M39012 Type M39012 Type M39012 Type
28JR333-1	26.99	1.063	12.30	0.484	Silver	D5	
28JR333-2	30.16	1.188	12.30	0.484	Silver	D5	

Description

**BNC 50 Ohm Receptacle Jack -
Single Hole Mount Solder Right-Angle**

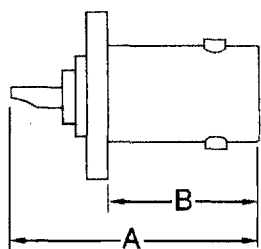


Ordering Data

BNC 50 Ohm Receptacle Jack - Single Hole Mount Solder Right-Angle

Part Number	Dimension						Finish	Mtg. Hole
	A		B		C			
	mm	in.	mm	in.	mm	in.		
28JR101-1	34.13	1.344	19.05	0.750	15.08	0.594	Silver	D7
28JR137-1	30.96	1.219	15.88	0.625	15.08	0.594	Silver	D6

To Obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

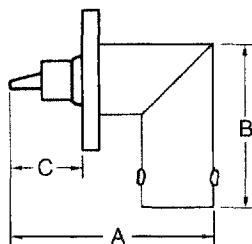


Description
BNC 50 Ohm Receptacle Jack -
Flange Mount Solder Straight

Ordering Data

BNC 50 Ohm Receptacle Jack - Flange Mount Solder Straight

Part Number	Dimension				Finish	Mtg. Plate	Note
	A		B				
	mm	in.	mm	in.			
28JR143-1	26.99	1.063	15.88	0.625	Silver	1A	M39012 Type
28JR227-1	26.99	1.063	15.88	0.625	Silver	3A	
28JR255-1	26.99	1.063	15.88	0.625	Silver	3B	
28JR312-2	26.99	1.063	15.88	0.625	Nickel	2B	



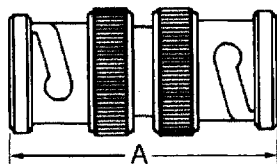
Ordering Data
BNC 50 Ohm Receptacle Jack -
Flange Mount Solder Right-Angle

Description

BNC 50 Ohm Receptacle Jack - Flange Mount Solder Right-Angle

Part Number	Dimension						Finish	Mtg. Hole
	A		B		C			
	mm	in.	mm	in.	mm	in.		
28JR104-1	23.02	0.906	23.02	0.906	7.54	0.297	Silver	2B

BNC 50 Ohm Adapters



Description
BNC 50 Ohm Adapter - Straight

Ordering Data

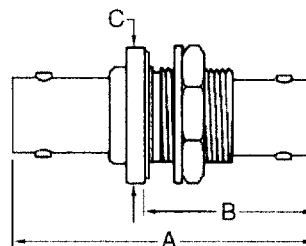
BNC 50 Ohm Adapter - Straight

Part Number	Adapter Ends	Dimension A		Finish
		mm	in.	
28A101-1	Plug-Plug	31.35	1.234	Silver

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

BNC Series
50 Ohm - Adapter

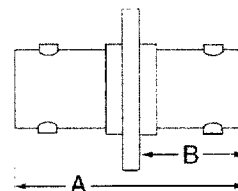
Description
BNC 50 Ohm Adapter - Single Hole Mount Straight



Ordering Data
BNC 50 Ohm Adapter - Single Hole Mount Straight

Part Number	Adapter Ends	Dimension						Finish	Mtg. Hole	Note
		A		B		C				
		mm	in.	mm	in.	mm	in.			
28AS100-1	Jack-Jack	32.54	1.281	20.24	0.797	15.88	0.625	Silver	D4	1
28AS103-1	Jack-Jack	32.54	1.281	19.45	0.766	17.46	0.688	Silver	D4	
Note 1 - Isolated Ground										

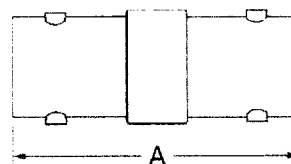
Description
BNC 50 Ohm Adapter - Flange Mount Straight



Ordering Data
BNC 50 Ohm Adapter - Flange Mount Straight

Part Number	Dimension				Finish	Mtg. Plate
	A		B			
	mm	in.	mm	in.		
28AF100-1	32.54	1.281	15.08	0.594	Silver	3A

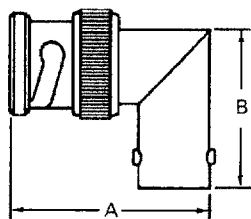
Description
BNC 50 Ohm Adapter - Straight



Ordering Data
BNC 50 Ohm Adapter - Straight

Part Number	Adapter Ends	Dimension A		Finish
		mm	in.	
28A100-1	Jack-Jack	32.54	1.281	Silver

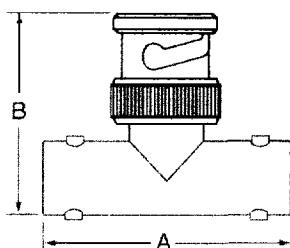
To Obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800



Description
BNC 50 Ohm Adapter - Right-Angle

Ordering Data
BNC 50 Ohm Adapter - Right-Angle

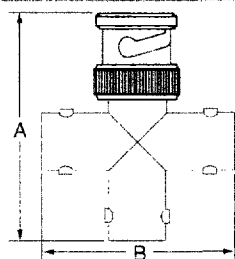
Part Number	Adapter Ends	Dimension				Finish
		A		B		
		mm	in.	mm	in.	
28AR100-1	Plug-Jack	26.19	1.031	20.24	0.797	Silver



Description
BNC 50 Ohm Adapter - Tee

Ordering Data
BNC 50 Ohm Adapter - Tee

Part Number	Adapter Ends	Dimension				Finish
		A		B		
		mm	in.	mm	in.	
28AT100-1	Jack-Jack-Jack	32.54	1.281	22.62	0.891	Silver
28AT106-1	Jack-Jack-Plug	37.70	1.484	22.62	0.891	Silver
28AT116-1	Plug-Jack-Plug	46.04	1.813	25.00	0.984	Nickel
28AT117-1	Plug-Plug-Plug	46.04	1.813	30.96	1.219	Silver



Description
BNC 50 Ohm Adapter - Cross

Ordering Data
BNC 50 Ohm Adapter - Cross

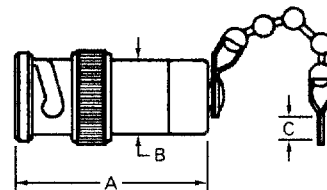
Part Number	Dimension				Finish
	A		B		
	mm	in.	mm	in.	
28AC100-1	39.29	1.547	32.54	1.281	Silver

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

BNC 50 Ohm Termination

Description

BNC 50 Ohm Termination Plug - Straight



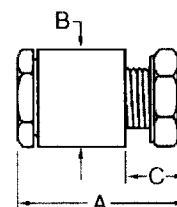
Ordering Data

BNC 50 Ohm Termination Plug - Straight

Part Number	Resistor ±5%		Dimension						Finish	Chain Length	
			A		B		C				
	Ohm	Watt	mm	in.	mm	in.	mm	in.		mm	in.
28PO100-1	100	0.5	30.16	1.188	12.70	0.500	3.66	0.144	Silver	88.90	3.500
28PO100-2	51	0.5	30.18	1.188	12.70	0.500	3.66	0.144	Silver	88.90	3.500
28PO100-3	75	0.5	30.18	1.188	12.70	0.500	3.66	0.144	Silver	88.90	3.500
28PO100-4	91	0.5	30.18	1.188	12.70	0.500	3.66	0.144	Silver	88.90	3.500
28PO100-5	510	0.5	30.18	1.188	12.70	0.500	3.66	0.144	Silver	88.90	3.500
28PO100-6	1000	0.5	30.18	1.188	12.70	0.500	3.66	0.144	Silver	88.90	3.500
28PO100-7	150	0.5	30.18	1.188	12.70	0.500	3.66	0.144	Silver	88.90	3.500
28PO100-8	51	1.0	30.18	1.188	12.70	0.500	3.66	0.144	Silver	88.90	3.500
28PO101-2	51	0.5	28.58	1.125	11.11	0.438	3.66	0.144	Silver	88.90	3.500
28PO101-3	75	0.5	28.58	1.125	11.11	0.438	3.66	0.144	Silver	88.90	3.500
28PO101-4	91	0.5	28.58	1.125	11.11	0.438	3.66	0.144	Silver	88.90	3.500
28PO102-1	51	0.5	28.58	1.125	11.11	0.438	No Chain		Nickel	N/A	
28PO102-4	100	0.5	28.58	1.125	11.11	0.438	No Chain		Silver	N/A	
28PO107-1	51	2.0	38.50	1.516	14.29	0.563	3.66	0.144	Nickel	88.90	3.500

Description

BNC 50 Ohm Termination Plug -
Single Hole Mount Straight



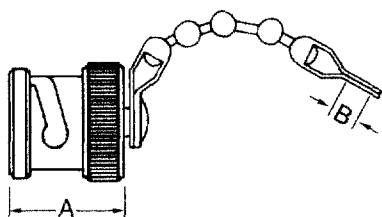
Ordering Data

BNC 50 Ohm Termination Plug - Single Hole Mount Straight

Part Number	Cable RG-/U	Dimension						Finish	Mtg. Hole
		A		B		C			
		mm	in.	mm	in.	mm	in.		
28TS102-1	55, 58, 223	22.23	0.875	12.70	0.500	7.94	0.313	Silver	C3
28TS105-1	59, 62, 71	22.23	0.875	12.70	0.500	7.94	0.313	Silver	C3

To Obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800

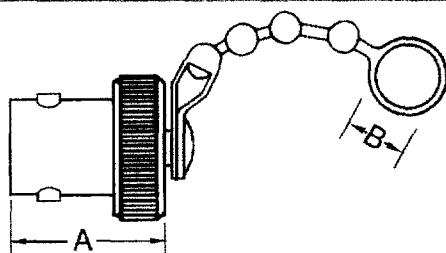
BNC 50 Ohm Caps



Description
BNC 50 Ohm Cap Plug - Straight

Ordering Data BNC 50 Ohm Cap Plug - Straight

Part Number	Dimension				Finish	Chain Length	
	A		B			mm	in.
	mm	in.	mm	in.			
28PC104-3	17.46	0.688	Shorting Cap - No Chain		Silver	N/A	
28PC106-3	15.08	0.594	3.66	0.144	Silver	88.90	3.500
28PC108-1	15.08	0.594	3.66	0.144	Nickel	76.20	3.000
28PC110-1	15.08	0.594	12.01	0.473	Nickel	63.50	2.500
28PC110-2	15.08	0.594	12.83	0.505	Nickel	63.50	2.500



Description
BNC 50 Ohm Cap Jack - Straight

Ordering Data BNC 50 Ohm Cap Jack - Straight

Part Number	Dimension				Finish	Chain Length	
	A		B			mm	in.
	mm	in.	mm	in.			
28JC100-2	14.68	0.578	3.66	0.144	Silver	76.20	3.000
28JC101-1	16.67	0.656	Shorting Cap - No Chain		Nickel	N/A	

To obtain Assembly Instructions contact Berg Electronics at 1-800-237-2374 Ext.-2800