

F

E

D

C

B

A

F

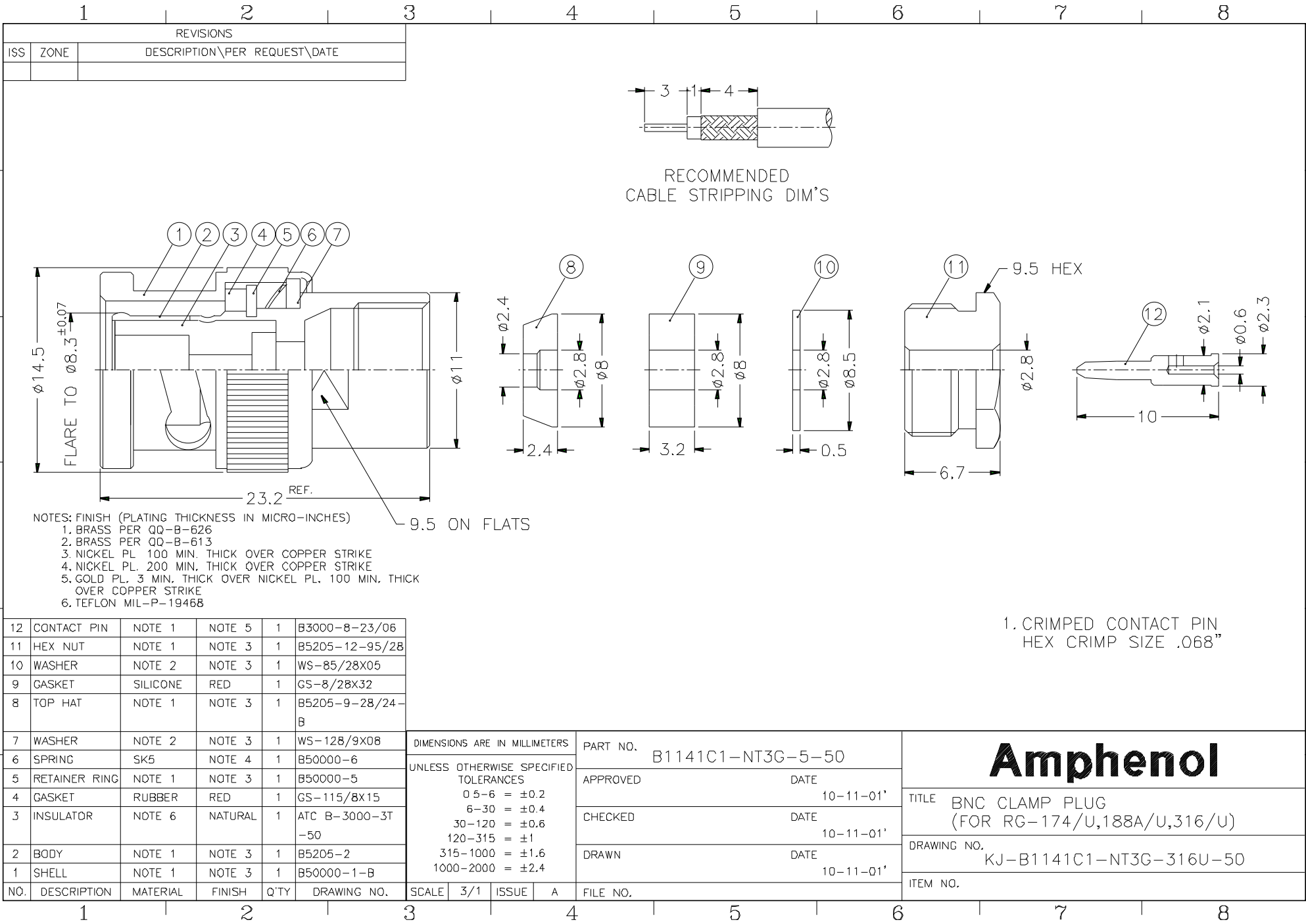
E

D

C

B

A



| REVISIONS |      |                              |
|-----------|------|------------------------------|
| ISS       | ZONE | DESCRIPTION\PER REQUEST\DATE |
|           |      |                              |

NOTES: FINISH (PLATING THICKNESS IN MICRO-INCHES)  
1. BRASS PER QQ-B-626  
2. BRASS PER QQ-B-613  
3. NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE  
4. NICKEL PL. 200 MIN. THICK OVER COPPER STRIKE  
5. GOLD PL. 3 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE  
6. TEFLON MIL-P-19468  
9.5 ON FLATS

|     |               |          |         |      |                  |
|-----|---------------|----------|---------|------|------------------|
| 12  | CONTACT PIN   | NOTE 1   | NOTE 5  | 1    | B3000-8-23/06    |
| 11  | HEX NUT       | NOTE 1   | NOTE 3  | 1    | B5205-12-95/28   |
| 10  | WASHER        | NOTE 2   | NOTE 3  | 1    | WS-85/28X05      |
| 9   | GASKET        | SILICONE | RED     | 1    | GS-8/28X32       |
| 8   | TOP HAT       | NOTE 1   | NOTE 3  | 1    | B5205-9-28/24-B  |
| 7   | WASHER        | NOTE 2   | NOTE 3  | 1    | WS-128/9X08      |
| 6   | SPRING        | SK5      | NOTE 4  | 1    | B50000-6         |
| 5   | RETAINER RING | NOTE 1   | NOTE 3  | 1    | B50000-5         |
| 4   | GASKET        | RUBBER   | RED     | 1    | GS-115/8X15      |
| 3   | INSULATOR     | NOTE 6   | NATURAL | 1    | ATC B-3000-3T-50 |
| 2   | BODY          | NOTE 1   | NOTE 3  | 1    | B5205-2          |
| 1   | SHELL         | NOTE 1   | NOTE 3  | 1    | B50000-1-B       |
| NO. | DESCRIPTION   | MATERIAL | FINISH  | Q'TY | DRAWING NO.      |

|                                                                                                                                                 |  |  |  |                            |                |                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIMENSIONS ARE IN MILLIMETERS                                                                                                                   |  |  |  | PART NO. B1141C1-NT3G-5-50 |                | <div>Amphenol</div> <div>TITLE BNC CLAMP PLUG<br/>(FOR RG-174/U,188A/U,316/U)</div> <div>DRAWING NO. KJ-B1141C1-NT3G-316U-50</div> <div>ITEM NO.</div> |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES<br>0 5-6 = ±0.2<br>6-30 = ±0.4<br>30-120 = ±0.6<br>120-315 = ±1<br>315-1000 = ±1.6<br>1000-2000 = ±2.4 |  |  |  | APPROVED                   | DATE 10-11-01' |                                                                                                                                                        |
|                                                                                                                                                 |  |  |  | CHECKED                    | DATE 10-11-01' |                                                                                                                                                        |
|                                                                                                                                                 |  |  |  | DRAWN                      | DATE 10-11-01' |                                                                                                                                                        |
|                                                                                                                                                 |  |  |  | SCALE                      | 3/1            |                                                                                                                                                        |

### Description

Developed in the late 1940's, the BNC is a miniature version of the Type C. BNC stands for Bayonet Neill Concelman and is available in 50 Ohm and 75 Ohm impedance versions. The BNC product line is a miniature quick connect / disconnect RF connector. It features two bayonet lugs on the female connector; mating is achieved with only a quarter turn of the coupling nut. Primary Applications - Ideally suited for cable termination for miniature to subminiature coaxial cable (RG-58, 59, to RG-179, RG-316, etc.)

### Features/Benefits

- Bayonet coupling mechanism provides quick mating and unmating.
- 50 and 75 ohm impedance designs allow customers to match impedance to system requirements.
- 50 and 75 ohm connectors are intermateable to ensure nondestructive mating.
- Three grades of connectors are available for military, industrial and commercial applications

### Applications

- Antennas
- Automotive (GPS)
- Base Stations
- Broadcast (75 ohm)
- Cable Assemblies
- Cable Modems
- Components
- Computers/LANs
- Instrumentation
- Network Analyzers
- Oscilloscopes
- Medical Equipment
- Mil-Aerospace
- Networks
- Radios
- Satcom
- Surge Protection
- Telecom.

## BNC Coaxial Connectors

## Specifications

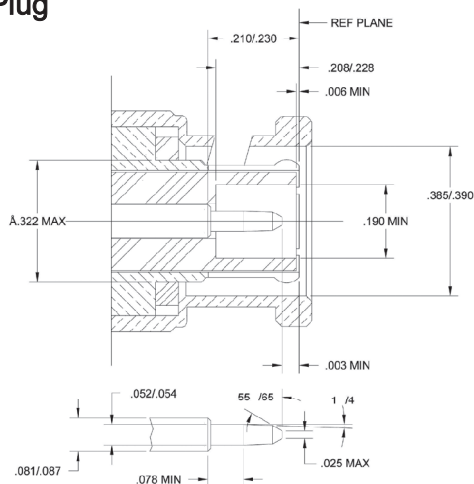
## Electrical

|                                 |                                                           |                                                           |
|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Impedance                       | 50 ohm                                                    | 75 ohm                                                    |
| Frequency Range                 | 0-4 GHz                                                   | 0-1 GHz                                                   |
| Working Voltage                 | 500 Volts rms.                                            | 500 Volts rms.                                            |
| Dielectric Withstanding Voltage | 1500 Volts rms.                                           | 1500 Volts rms.                                           |
| VSWR                            | 1.3 max. 0-4 GHz                                          | 1.05+0.1f(GHz) DC to 1 GHz                                |
| Contact Resistance              | Center contact 1.5 milliohm<br>Outer contact 1.0 milliohm | Center contact 1.5 milliohm<br>Outer contact 1.0 milliohm |

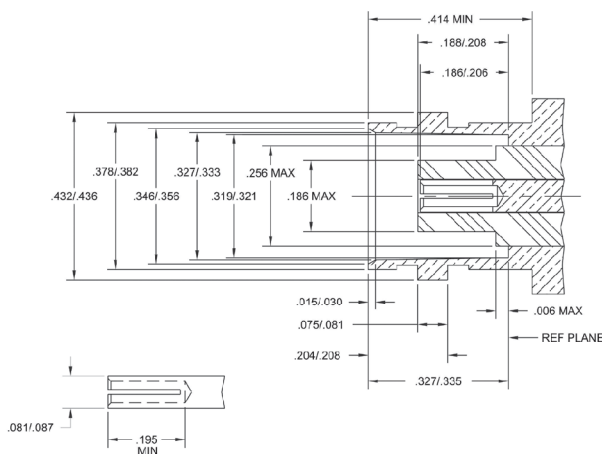
## Material

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Center Contact male   | Brass, Gold or Silver plated                                         |
| Center Contact female | Phosphor Bronze (nominal) or Beryllium Copper, Gold or Silver plated |
| Metal parts           | Brass, nickel plated                                                 |
| Insulators            | Teflon, Delrin, PBT polyester                                        |
| Clamp gaskets         | Silicone rubber, Synthetic rubber                                    |
| Crimp ferrule         | Annealed copper, nickel plated                                       |

## Plug



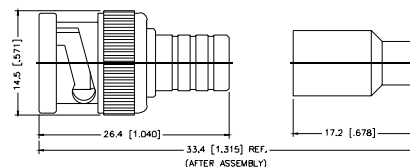
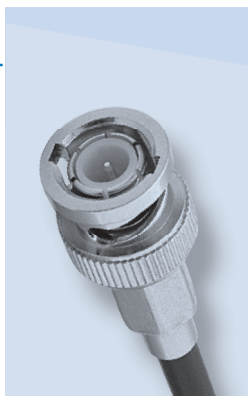
## Jack



**Straight Crimp Plug - Single Crimp**

| P.N.                   | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|------------------------|-------------|--------|--------|------|------------|
| B1111L1-001-ND3G-01-50 | 01          | Nickel | Delrin | 50   | 5          |
| B1111L1-001-ND3G-03-50 | 03          | Nickel | Delrin | 50   | 5          |

Remark: Only for Solid Center Conductor Cable

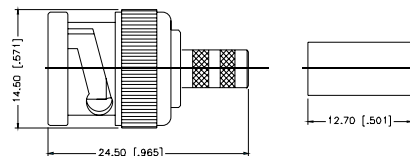
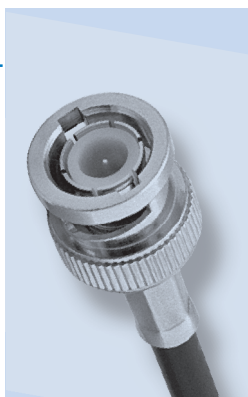


Assembly Instruction J - page 236

**Straight Crimp Plug - Captive Contact - Standard Cable**

| P.N.                    | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-------------------------|-------------|--------|--------|------|------------|
| B1121A1-NT3G-1-50       | 01          | Nickel | Teflon | 50   | 3 or 4     |
| B1121A1-ND3G-1-50       | 01          | Nickel | Delrin | 50   | 3 or 4     |
| B1121BA-001-ND3G-1A-50  | 01A         | Nickel | Delrin | 50   | 3 or 4     |
| B1121AA-NT3G-1B-50      | 01B         | Nickel | Teflon | 50   | 3 or 4     |
| B1121A1-ND3G-3-50       | 03          | Nickel | Delrin | 50   | 4          |
| B1121A1-ND3G-3-75       | 03          | Nickel | Delrin | 75   | 4          |
| B1121A9-NT3G-3-75*      | 03          | Nickel | Teflon | 75   | 7          |
| B1121A1-ND3G-3A-75      | 03A         | Nickel | Delrin | 75   | 4          |
| B1121A9-009-NT3G-3A-75* | 03A         | Nickel | Teflon | 75   | 4          |
| B1121A6-NT3G-7-50       | 07          | Nickel | Teflon | 50   | 4 + 6      |
| B1121A6-NT3G-7A-50      | 07A         | Nickel | Teflon | 50   | 4 + 6      |
| B1121A1-ND3G-7B-50      | 07B         | Nickel | Delrin | 50   | 4          |
| B1121A6-NT3G-7C-50      | 07C         | Nickel | Teflon | 50   | 6          |
| B1121A2-NT3G-7D-50      | 07D         | Nickel | Teflon | 50   | 4 + 6      |
| B1121A6-NT3G-7E-75      | 07E         | Nickel | Teflon | 75   | 2 + 6      |
| B1121A6-NT3G-7F-75      | 07F         | Nickel | Teflon | 75   | 2 + 6      |
| B1121A1-ND3G-8-75       | 08          | Nickel | Delrin | 75   | 5          |
| B1121CA-002-ND3G-8A-75  | 08A         | Nickel | Delrin | 75   | 5          |
| B1121A9-NT15G-8A-75*    | 08A         | Nickel | Teflon | 75   | 2 + 5      |
| B1121A9-NT15G-8B-75*    | 08B         | Nickel | Teflon | 75   | 5          |
| B1121A1-ND3G-15-75      | 15          | Nickel | Delrin | 75   | 5          |
| B1121A1-NT3G-15-75*     | 15          | Nickel | Teflon | 75   | 5          |
| B1121C1-ND3G-15A-75     | 15A         | Nickel | Delrin | 75   | 5          |
| B1121A9-003-NT3G-75     | 16          | Nickel | Teflon | 75   | .180 hex   |
| B1121A9-003-NT3G-75     | 16A         | Nickel | Teflon | 75   | .180 hex   |
| B1121A9-NT15G-18-75*    | 18          | Nickel | Teflon | 75   | 2 + 4      |
| B1121A9-NT15G-19-75*    | 19          | Nickel | Teflon | 75   | 9          |
| B1121A1-NT3G-22-75      | 22          | Nickel | Teflon | 75   | .180 hex   |
| <b>Diecast Shell</b>    |             |        |        |      |            |
| B1121BA-001-ND3G-1-50   | 01          | Nickel | Delrin | 50   | 3 or 4     |
| B1121B1-ND3G-3-50       | 03          | Nickel | Delrin | 50   | 4          |
| B1121B1-ND3G-3-75       | 03          | Nickel | Delrin | 75   | 4          |

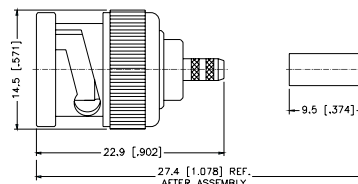
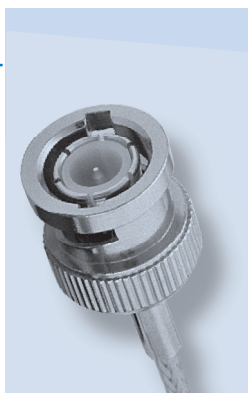
\* Center contact .053" diameter, 30 μ" Au.  
True 75 ohm. Use .044 hex or 12-indent crimp



Assembly Instruction J - page 236

**Straight Crimp Plug - Pin-in-Pin - Miniature Cable**

| P.N.                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|--------|--------|------|------------|
| <b>Brass Shell</b>    |             |        |        |      |            |
| B1121G1-ND3G-5-50     | 05          | Nickel | Delrin | 50   | 2          |
| B1121G1-ND3G-6-75     | 06          | Nickel | Delrin | 75   | 2          |
| <b>Diecast Shell</b>  |             |        |        |      |            |
| B1121H1-001-ND3G-5-50 | 05          | Nickel | Delrin | 50   | 1 or 2     |
| B1121H1-001-ND3G-6-75 | 06          | Nickel | Delrin | 75   | 2          |

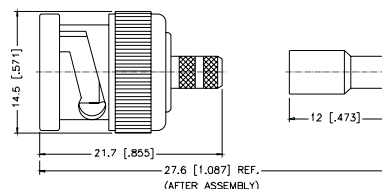
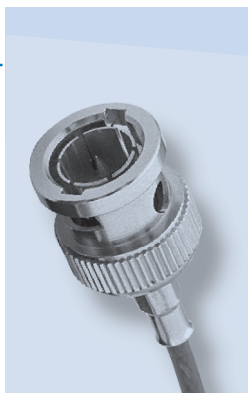


Assembly Instruction J - page 236

**Straight Crimp Plug - Miniature Cable**

| P.N.                    | Cable Group | Plt.   | Ins. | Imp. | Crimp Tool |
|-------------------------|-------------|--------|------|------|------------|
| <b>Brass Shell</b>      |             |        |      |      |            |
| B1121E9-002-NTPX3G-6-75 | 06          | Nickel | TPX  | 75   | 3          |
| <b>Diecast Shell</b>    |             |        |      |      |            |
| B1121F9-003-NTPX3G-6-75 | 06          | Nickel | TPX  | 75   | 3          |

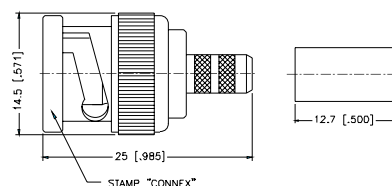
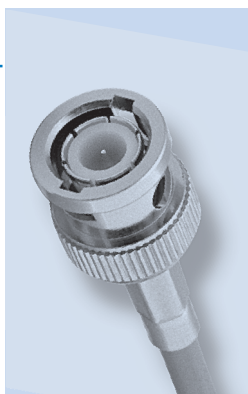
Remark: TPX Insulator/75 ohm AVAILABLE ONLY



Assembly Instruction K - page 237

**Straight Crimp Plug - Captive Contact - Plenum Cable**

| P.N.                   | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|------------------------|-------------|--------|--------|------|------------|
| B1121CA-001-ND3G-4A-75 | 04A         | Nickel | Delrin | 75   | 4          |



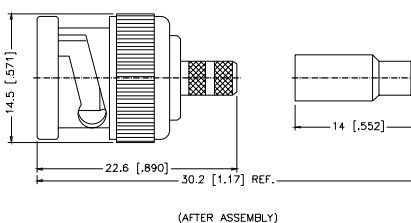
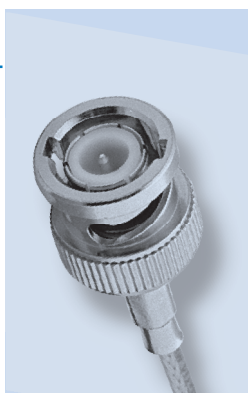
Assembly Instruction J - page 236

**Straight Crimp Plug - Captive Contact - Miniature Cable**

| P.N.                     | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|--------------------------|-------------|--------|--------|------|------------|
| <b>Brass Shell</b>       |             |        |        |      |            |
| B1121E1-ND3G-5-50        | 05          | Nickel | Delrin | 50   | 3          |
| B1121E1-ND3G-5A-50       | 05A         | Nickel | Delrin | 50   | 3          |
| B1121E1-ND3G-6-50        | 06          | Nickel | Delrin | 50   | 3          |
| B1121E2-003-ND3G-6-75    | 06          | Nickel | Delrin | 75   | 3          |
| B1121E1-ND3G-6A-75       | 06A         | Nickel | Delrin | 75   | 9          |
| B1121H1-001-ND3G-14-50   | 14          | Nickel | Delrin | 50   | 9          |
| B1121A1-ND3G-16-75       | 16          | Nickel | Delrin | 75   | 1 or 2     |
| B1121A1-ND3G-16A-75      | 16A         | Nickel | Delrin | 75   | 1 or 2     |
| B1121A9-010-NT30G-16-75* | 16          | Nickel | Teflon | 75   | 3          |
| B1121A9-010-NT30G-16A-75 | 16A         | Nickel | Teflon | 75   | 3          |
| <b>Diecast Shell</b>     |             |        |        |      |            |
| B1121FA-001-ND3G-5-50    | 05          | Nickel | Delrin | 50   | 3          |
| B1121FA-001-ND3G-6-50    | 06          | Nickel | Delrin | 50   | 3          |

Remark: With teflon sleeve/Hex crimp size: 178"

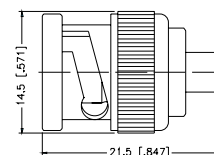
\* Center contact .053" diameter, 30 μ" Au.



Assembly Instruction K - page 237

**Straight Solder Plug - Semi-Rigid Cable**

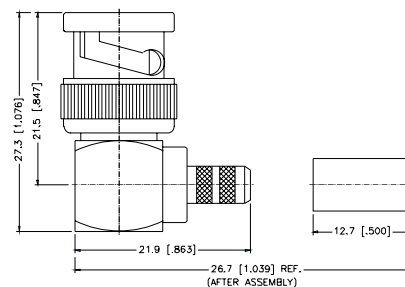
| P.N.                   | Cable Group | Plt.        | Ins.   | Imp. | Crimp Tool |
|------------------------|-------------|-------------|--------|------|------------|
| B1181A1-W/3GT3G-10-50  | 10          | Nickel/Gold | Teflon | 50   | N/A        |
| B1181A1-W/NT30GA-10-75 | 10          | Nickel/Gold | Teflon | 75   | N/A        |
| B1181A1-NT3G-11-50     | 11          | Nickel/Gold | Teflon | 50   | N/A        |



Assembly Instruction E - page 231

**Right Angle Crimp/Solder Plug - Standard Cable**

| P.N.                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|--------|--------|------|------------|
| <b>Brass Shell</b>    |             |        |        |      |            |
| B1112A1-ND3G-1-50     | 01          | Nickel | Delrin | 50   | 3 or 4     |
| B1112A1-ND3G-1A-50    | 01A         | Nickel | Delrin | 50   | 3 or 4     |
| B1112A1-NT3G-1B-50    | 01B         | Nickel | Teflon | 50   | 3 or 4     |
| B1112A1-ND3G-3-50     | 03          | Nickel | Delrin | 50   | 4          |
| B1112A1-ND3G-3-75     | 03          | Nickel | Delrin | 75   | 4          |
| B1112A6-NT3G-3-75*    | 03          | Nickel | Teflon | 75   | 4          |
| B1112A1-NT3G-1-50     | 01          | Nickel | Teflon | 50   | 3 or 4     |
| B1112A1-NT3G-3-75     | 03          | Nickel | Teflon | 75   | 4          |
| B1112A4-NT3G-7-50     | 07          | Nickel | Teflon | 50   | 6          |
| B1112A4-NT3G-7A-50    | 07A         | Nickel | Teflon | 50   | 6          |
| B1112A4-ND3G-7B-50    | 07B         | Nickel | Delrin | 50   | 3 or 4     |
| B1112A4-NT3G-7C-50    | 07C         | Nickel | Teflon | 50   | 6          |
| B1112A6-NT3G-18-75*   | 18          | Nickel | Teflon | 75   | 4          |
| B1112A6-NT3G-19-75*   | 19          | Nickel | Teflon | 75   | 9          |
| <b>Diecast Shell</b>  |             |        |        |      |            |
| B1112B1-001-ND3G-1-50 | 01          | Nickel | Delrin | 50   | 3 or 4     |
| B1112B1-001-ND3G-3-50 | 03          | Nickel | Delrin | 50   | 4          |
| B1112B1-001-ND3G-3-75 | 03          | Nickel | Delrin | 75   | 4          |

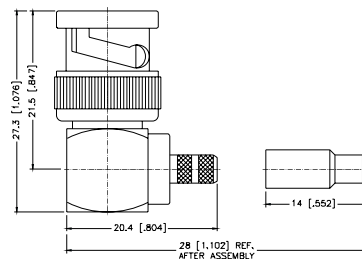
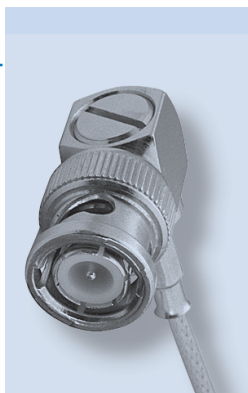


Assembly Instruction I - page 235

\* Center contact .052" diameter, 20u" Au. Trace 75 Ohm. Use .044 box or 12-indent edge.

**Right Angle Crimp/Solder Plug - Miniature Cable**

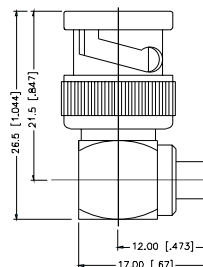
| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| <b>Brass Shell</b>  |             |        |        |      |            |
| B1112E1-ND3G-5-50   | 05          | Nickel | Delrin | 50   | 3          |
| B1112E1-ND3G-5A-50  | 05A         | Nickel | Delrin | 50   | 9          |
| B1112E1-ND3G-6-75   | 06          | Nickel | Delrin | 75   | 9          |
| B1112E1-ND3G-6A-75  | 06A         | Nickel | Delrin | 75   | 3          |
| B1112E1-ND3G-16-75  | 16          | Nickel | Delrin | 75   | 9          |
| B1112E1-ND3G-16A-75 | 16A         | Nickel | Delrin | 75   | 9          |



Assembly Instruction I - page 235

**Right Angle Solder Plug - Semi-Rigid Cable**

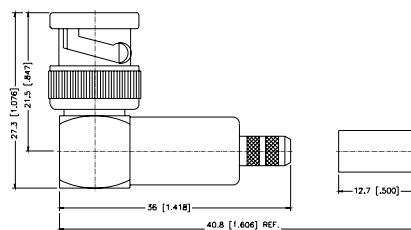
| P.N.                   | Cable Group | Plt.        | Ins.   | Imp. | Crimp Tool |
|------------------------|-------------|-------------|--------|------|------------|
| B1182A1-N/3GT3G-10-50  | 10          | Nickel/Gold | Teflon | 50   | N/A        |
| B1182A1-N/NT30GA-11-50 | 11          | Nickel/Gold | Teflon | 50   | N/A        |



Assembly Instruction F - page 232

**Right Angle Crimp/Crimp Plug - Standard Cable**

| P.N.                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|--------|--------|------|------------|
| <b>Brass Shell</b>    |             |        |        |      |            |
| B1122A1-ND3G-1-50     | 01          | Nickel | Delrin | 50   | 4          |
| B1122A1-ND3G-3-50     | 03          | Nickel | Delrin | 50   | 4          |
| B1122A1-ND3G-3-75     | 03          | Nickel | Delrin | 75   | 4          |
| B1122A1-NT3G-8-75     | 08          | Nickel | Teflon | 75   | 5          |
| B1122A1-NT3G-15-75    | 15          | Nickel | Teflon | 75   | 5          |
| <b>Diecast Shell</b>  |             |        |        |      |            |
| B1122B1-001-ND3G-1-50 | 01          | Nickel | Delrin | 50   | 3 or 4     |
| B1122B1-001-ND3G-3-75 | 03          | Nickel | Delrin | 75   | 4          |
| B1122B1-001-NT3G-75   | 16A,16      | Nickel | Teflon | 75   | .180 hex   |

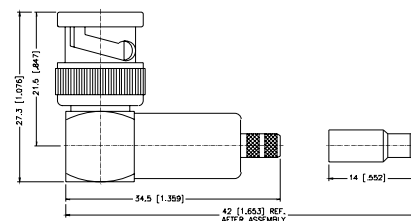
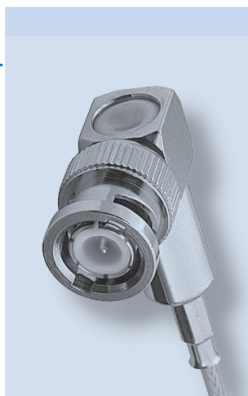


Assembly Instruction S - page 245

**Right Angle Crimp/Crimp Plug - Miniature Cable**

| P.N.                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|--------|--------|------|------------|
| <b>Brass Shell</b>    |             |        |        |      |            |
| B1122E1-002-ND3G-5-50 | 05          | Nickel | Delrin | 50   | 3          |
| B1122E1-ND3G-6-75     | 06          | Nickel | Delrin | 75   | 3          |
| <b>Diecast Shell</b>  |             |        |        |      |            |
| B1122F1-001-ND3G-5-50 | 05          | Nickel | Delrin | 50   | 3          |
| B1122F1-001-ND3G-6-75 | 06          | Nickel | Delrin | 75   | 3          |

Remark: With teflon sleeve Hex. crimp size .178"

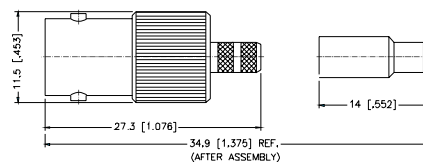
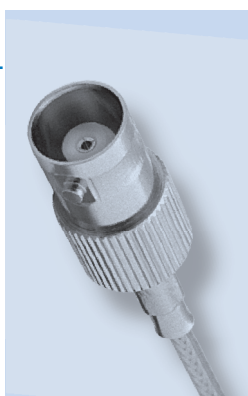


Assembly Instruction S - page 245

**Straight Crimp Jack - Miniature Cable**

| P.N.               | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|--------------------|-------------|--------|--------|------|------------|
| B6121E1-ND3G-5-50  | 05          | Nickel | Delrin | 50   | 9          |
| B6121E1-ND3G-5A-50 | 05A         | Nickel | Delrin | 50   | 9          |
| B6121E1-ND3G-6-75  | 06          | Nickel | Delrin | 75   | 9          |
| B6121E1-ND3G-6A-75 | 06A         | Nickel | Delrin | 75   | 9          |
| B6121G1-NT3G-14-50 | 14          | Nickel | Teflon | 50   | 9          |
| B6121B1-ND3G-16-75 | 16          | Nickel | Delrin | 75   | 9          |

Remark: With teflon sleeve, Hex crimp size .178"

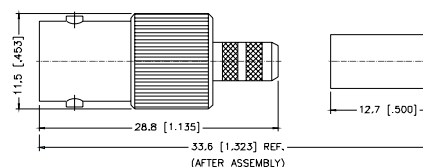
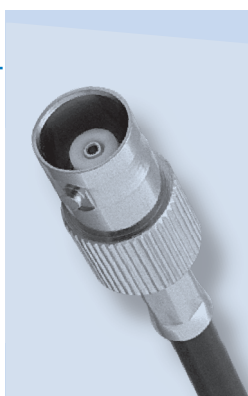


Assembly Instruction K - page 237

**Straight Crimp Jack - Standard Cable**

| P.N.                   | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|------------------------|-------------|--------|--------|------|------------|
| <b>Captured</b>        |             |        |        |      |            |
| B6121A1-NT3G-1-50      | 01          | Nickel | Teflon | 50   | 3 or 4     |
| B6121B1-ND3G-1-50      | 01          | Nickel | Delrin | 50   | 3 or 4     |
| B6121A1-004-ND3G-1A-50 | 01A         | Nickel | Delrin | 50   | 3 or 4     |
| B6121A1-NT3G-1B-50     | 01B         | Nickel | Teflon | 50   | 4          |
| B6121A1-NT3G-3-50      | 03          | Nickel | Teflon | 50   | 4          |
| B6121A1-NT3G-3-75      | 03          | Nickel | Teflon | 75   | 4          |
| B6121B1-ND3G-3-50      | 03          | Nickel | Delrin | 50   | 4          |
| B6121A1-NT3G-3A-75     | 03A         | Nickel | Teflon | 75   | 4          |
| B6121A1-NT3G-7B-50     | 07B         | Nickel | Teflon | 50   | 4          |
| B6121A6-NT3G-7C-50     | 07C         | Nickel | Teflon | 50   | 1 + 6      |
| B6121A2-NT3G-8A-75*    | 08A         | Nickel | Teflon | 75   | 2 + 5      |
| B6121A2-NT3G-8B-75*    | 08B         | Nickel | Teflon | 75   | 2 + 5      |
| B6121A1-NT3G-15-75     | 15          | Nickel | Teflon | 75   | 5          |
| B6121A2-NT3G-18-75*    | 18          | Nickel | Teflon | 75   | 4          |
| B6121A2-NT3G-19-75*    | 19          | Nickel | Teflon | 75   | 9          |

\* Center contact .052" diameter, 30u" Au. True 75 ohm.

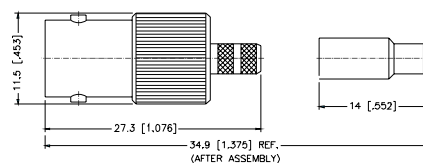
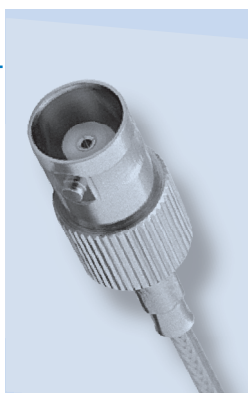


Assembly Instruction J - page 236

**Straight Solder Jack - Semi-Rigid Cable**

| P.N.                  | Cable Group | Plt.        | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|-------------|--------|------|------------|
| B6181A1-W/3GT3G-10-50 | 10          | Nickel/Gold | Teflon | 50   | N/A        |
| B6181A1-W/3GT3G-11-50 | 11          | Nickel/Gold | Teflon | 50   | N/A        |

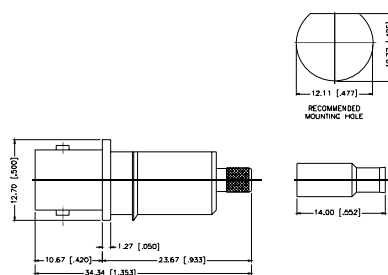
Remark: With teflon sleeve, Hex crimp size .178"



Assembly Instruction E - page 231

**Bulkhead Crimp Jack - Snap-In Panel - Miniature Cable**

| P.N.                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|--------|--------|------|------------|
| B632100-001-NT3G-5-50 | 05          | Nickel | Teflon | 50   | 3          |

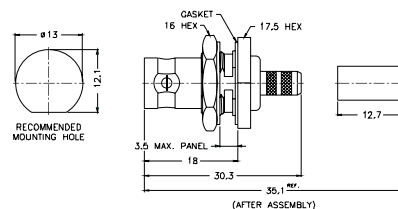
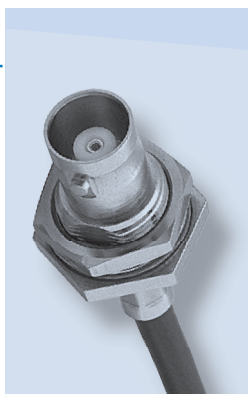


Assembly Instruction L - page 238

**Bulkhead Crimp Jack - Standard Cable**

| P.N.                       | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|----------------------------|-------------|--------|--------|------|------------|
| <b>Teflon/Captured</b>     |             |        |        |      |            |
| B6421A1-NT3G-1-50          | 01          | Nickel | Teflon | 50   | 4          |
| B6421A1-ND3G-1A-50         | 01A         | Nickel | Delrin | 50   | 4          |
| B6421A1-NT3G-1B-50         | 01B         | Nickel | Teflon | 50   | 3 or 4     |
| B6421A1-NT3G-3-50          | 03          | Nickel | Teflon | 50   | 4          |
| B6421A1-NT3G-3-75          | 03          | Nickel | Teflon | 75   | 4          |
| B6421A1-NT3G-3A-50         | 03A         | Nickel | Teflon | 50   | 4          |
| B6421A1-NT3G-7B-50         | 07B         | Nickel | Teflon | 50   | 4          |
| B6421A6-NT3G-7C-50         | 07C         | Nickel | Teflon | 50   | 1 + 6      |
| B6421A1-NT3G-15-75         | 15          | Nickel | Teflon | 75   | 3          |
| B6421A1-003-NT3G-75        | 16,16A      | Nickel | Teflon | 75   | .180 hex   |
| <b>Delrin/Non Captured</b> |             |        |        |      |            |
| B6421B1-ND3G-1-50          | 01          | Nickel | Delrin | 50   | 3 or 4     |
| B6421B1-ND3G-3-50          | 03          | Nickel | Delrin | 50   | 4          |
| B6421B1-ND3G-3-75          | 03          | Nickel | Delrin | 75   | 4          |

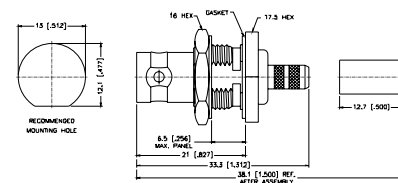
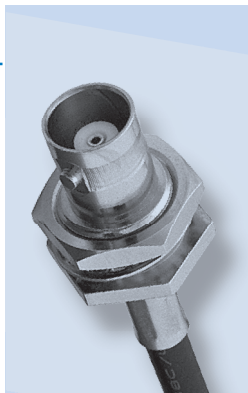
Remark: 3.5 [.138] Max. panel thickness



Assembly Instruction J - page 236

| P.N.              | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-------------------|-------------|--------|--------|------|------------|
| B6421A2-NT3G-1-50 | 01          | Nickel | Teflon | 50   | 4          |
| B6421A2-NT3G-3-75 | 03          | Nickel | Teflon | 75   | 4          |

Remark: 6.5 [.256] Max. panel thickness

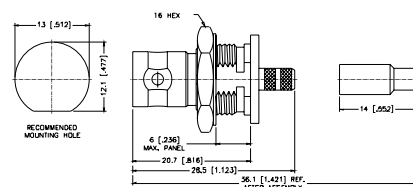


Assembly Instruction J - page 236

**Bulkhead Isolated Crimp Jack - Miniature Cable**

| P.N.              | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-------------------|-------------|--------|--------|------|------------|
| B6721E1-NT3G-5-50 | 05          | Nickel | Teflon | 50   | 9          |
| B6721E1-NT3G-6-75 | 06          | Nickel | Teflon | 75   | 9          |

Remark: 6.0 [.236] Max. panel thickness

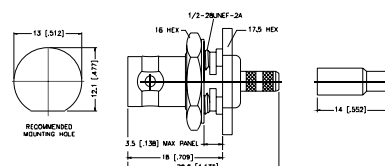
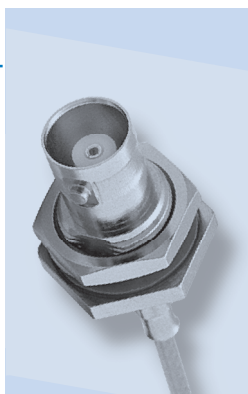


Assembly Instruction J - page 236

**Bulkhead Crimp Jack - Miniature Cable**

| P.N.                                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------------------------|-------------|--------|--------|------|------------|
| B6421E1-ND3G-5-50                     | 05          | Nickel | Delrin | 50   | 9          |
| B6421E1-ND3G-5A-50                    | 05A         | Nickel | Delrin | 50   | 9          |
| B6321A2-001-NT3G-5A-50<br>Front Mount | 05A         | Nickel | Teflon | 50   | 2          |
| B6421E1-ND3G-6-75                     | 06          | Nickel | Delrin | 75   | 9          |
| B6421E1-ND3G-6A-75                    | 06A         | Nickel | Delrin | 75   | 3          |
| B6421G1-ND3G-14-50                    | 14          | Nickel | Delrin | 50   | 1 or 2     |
| B6421A1-NT3G-16-75                    | 16          | Nickel | Teflon | 75   | 3          |
| B6421A3-NT3G-16A-75                   | 16A         | Nickel | Teflon | 75   | 3          |
| B6421A3-NT3G-18-75*                   | 18          | Nickel | Teflon | 75   | 4          |
| B6421A3-NT3G-19-75*                   | 19          | Nickel | Teflon | 75   | 9          |

\* Center contact .052" diameter, 30µ" Au, true 75 ohm.  
Use .044 hex crimp or 12-indent crimp



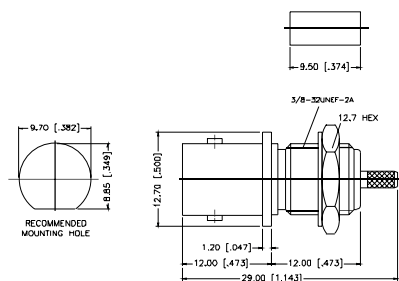
Assembly Instruction J - page 236

|                                       |     |        |        |    |        |
|---------------------------------------|-----|--------|--------|----|--------|
| B6321A2-003-NT3G-5-50<br>Front Mount  | 05  | Nickel | Teflon | 50 | 1 or 2 |
| B6321A2-005-NT3G-5A-50<br>Front Mount | 05A | Nickel | Teflon | 50 | 2      |

Remark: With teflon sleeve, Hex crimp size .178",  
3.5 [.138] Max. panel thickness



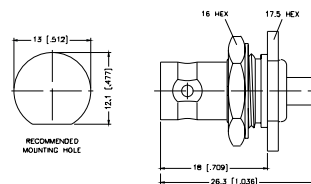
B6321A2-003-NT3G-5-50, B6321A2-005-NT3G-5A-50



Assembly Instruction J - page 236

**Bulkhead Solder Jack - Semi-Rigid Cable**

| P.N.                                 | Cable Group | Pit.        | Ins.   | Imp. | Crimp Tool |
|--------------------------------------|-------------|-------------|--------|------|------------|
| B6481A1-N/3GT3G-10-50                | 10          | Nickel/Gold | Teflon | 50   | N/A        |
| B6481A1-N/3GT3G-11-50                | 11          | Nickel/Gold | Teflon | 50   | N/A        |
| B6381A1-N/3GT3G-11-50<br>Front Mount | 11          | Nickel/Gold | Teflon | 50   | N/A        |
| B6381-N/3GT3G-11-75<br>Front Mount   | 11          | Nickel/Gold | Teflon | 75   | N/A        |

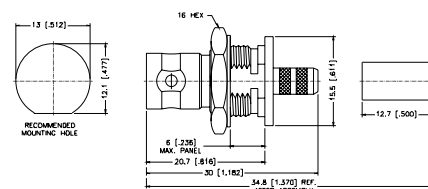


Assembly Instruction E - page 231

**Bulkhead Isolated Crimp Jack - Standard Cable**

| P.N.               | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|--------------------|-------------|--------|--------|------|------------|
| Teflon/Captured    |             |        |        |      |            |
| B6721A1-NT3G-1-50  | 01          | Nickel | Teflon | 50   | 4          |
| B6721A1-NT3G-1A-50 | 01A         | Nickel | Teflon | 50   | 4          |
| B6721A1-NT3G-3-50  | 03          | Nickel | Teflon | 50   | 4          |
| B6721A1-NT3G-3-75  | 03          | Nickel | Teflon | 75   | 4          |

Remark: 6.0 [0.236] Max. panel thickness

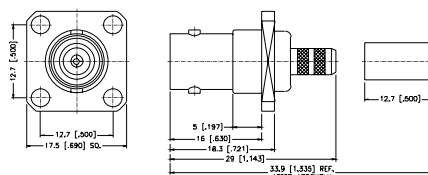
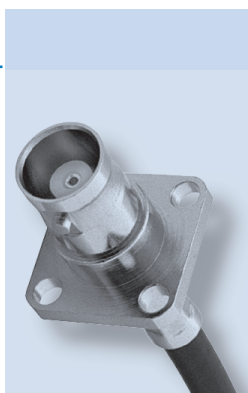


Assembly Instruction J - page 236

**Panel Crimp Jack - Standard Cable**

| P.N.               | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|--------------------|-------------|--------|--------|------|------------|
| B6521A1-NT3G-1-50  | 01          | Nickel | Teflon | 50   | 4          |
| B6521A1-ND3G-1A-50 | 01A         | Nickel | Delrin | 50   | 3 or 4     |
| B6521A1-NT3G-3-50  | 03          | Nickel | Teflon | 50   | 4          |
| B6521A1-NT3G-3-75  | 03          | Nickel | Teflon | 75   | 4          |

Remark: 5.0 [0.197] Max. panel thickness

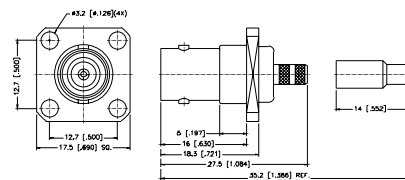
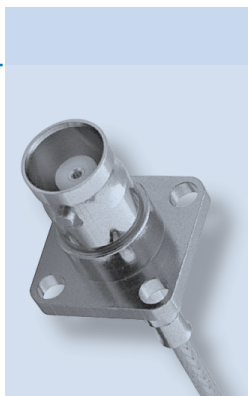


Assembly Instruction J - page 236

**Panel Crimp and Solder Jack - Miniature Cable**

| P.N.               | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|--------------------|-------------|--------|--------|------|------------|
| B6521E1-NT3G-5-50  | 05          | Nickel | Teflon | 50   | 9          |
| B6521F1-NT3G-5A-50 | 05A         | Nickel | Teflon | 50   | 9          |
| B6521F1-ND3G-6-75  | 06          | Nickel | Delrin | 75   | 9          |

Remark: 5.0 [.197] Max. panel thickness

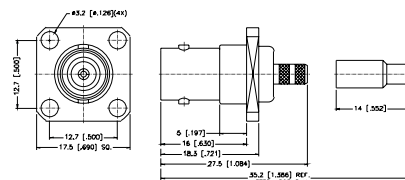
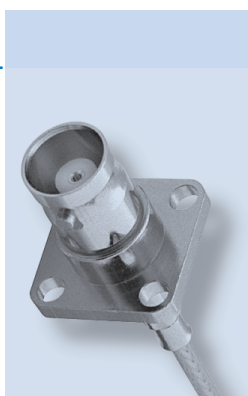


Assembly Instruction J - page 236

**Panel Crimp and Solder Jack - Semi-Rigid Cable**

| P.N.                  | Cable Group | Plt.        | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|-------------|--------|------|------------|
| B6581A1-W/3GT3G-10-50 | 10          | Nickel/Gold | Teflon | 50   | N/A        |
| B6581A1-W/3GT3G-11-50 | 11          | Nickel/Gold | Teflon | 50   | N/A        |

Remark: 5.0 [.197] Max. panel thickness

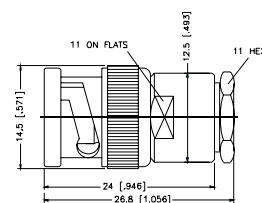


Assembly Instruction E - page 231

**Straight Clamp Plug - Captive Contact - Standard Cable**

| P.N.               | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|--------------------|-------------|--------|--------|------|------------|
| B1141A1-ND3G-1-50  | 01          | Nickel | Delrin | 50   | N/A        |
| B1141A1-ND3G-3-50  | 03          | Nickel | Delrin | 50   | N/A        |
| B1141A1-ND3G-3-75  | 03          | Nickel | Delrin | 75   | N/A        |
| B1141C1-NT3G-5-50  | 05          | Nickel | Teflon | 50   | N/A        |
| B1141A2-NT3G-7A-50 | 07A         | Nickel | Teflon | 50   | N/A        |
| B1141A2-NT3G-7E-75 | 07E         | Nickel | Teflon | 75   | N/A        |

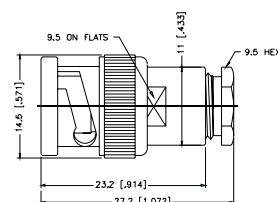
Remark: Barrel O.D. = 12.5 mm



Assembly Instruction M - page 239

| P.N.                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|--------|--------|------|------------|
| Brass Shell           |             |        |        |      |            |
| B1141C1-ND3G-1-50     | 01          | Nickel | Delrin | 50   | N/A        |
| B1141C1-ND3G-3-50     | 03          | Nickel | Delrin | 50   | N/A        |
| B1141C1-ND3G-3-75     | 03          | Nickel | Delrin | 75   | N/A        |
| Diecast Shell         |             |        |        |      |            |
| B1141D1-001-ND3G-1-50 | 01          | Nickel | Delrin | 50   | N/A        |
| B1141D1-ND3G-3-50     | 03          | Nickel | Delrin | 50   | N/A        |

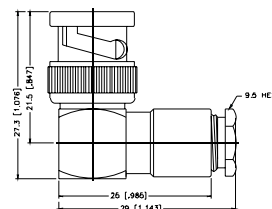
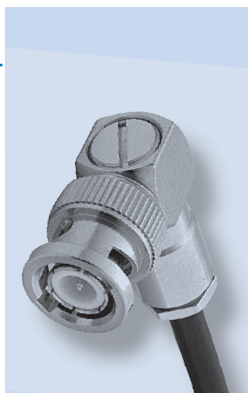
Remark: UG-88/U, UG-260/U



Assembly Instruction M - page 239

**Right Angle Clamp Plug - Standard Cable**

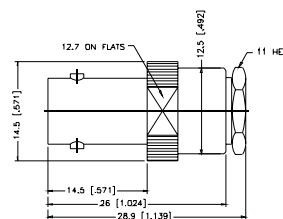
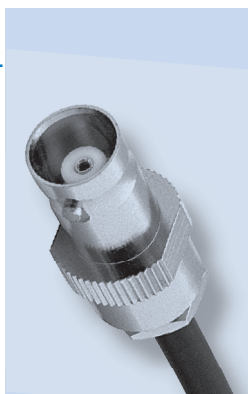
| P.N.              | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|-------------------|-------------|--------|--------|------|------------|
| Brass Shell       |             |        |        |      |            |
| B1142E1-ND3G-1-50 | 01          | Nickel | Delrin | 50   | N/A        |
| B1142E1-ND3G-3-50 | 03          | Nickel | Delrin | 50   | N/A        |
| B1142E1-ND3G-3-75 | 03          | Nickel | Delrin | 75   | N/A        |



Assembly Instruction M - page 239

**Straight Clamp Jack - Captive contact - Standard Cable**

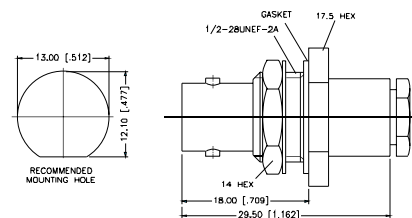
| P.N.               | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|--------------------|-------------|--------|--------|------|------------|
| B6141A1-NT3G-1-50  | 01          | Nickel | Teflon | 50   | N/A        |
| B6141A1-NT3G-3-50  | 03          | Nickel | Teflon | 50   | N/A        |
| B6141A1-NT3G-3-75  | 03          | Nickel | Teflon | 75   | N/A        |
| B6141A2-NT3G-7A-50 | 07A         | Nickel | Teflon | 50   | N/A        |



Assembly Instruction N - page 240

**Bulkhead Clamp Jack - Captive Contact - Flexible Cable**

| P.N.              | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|-------------------|-------------|--------|--------|------|------------|
| B6441A2-NT3G-1-50 | 01          | Nickel | Teflon | 50   | N/A        |

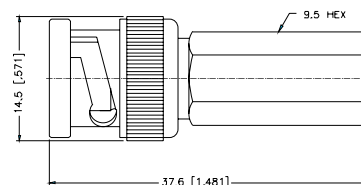
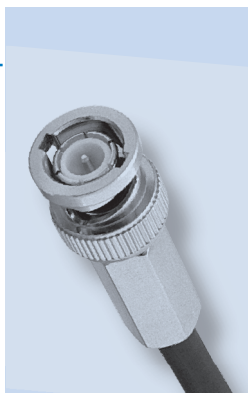


Assembly Instruction N - page 240

**Twist-On Plug - Standard Cable**

| P.N.               | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|--------------------|-------------|--------|--------|------|------------|
| <b>Brass Shell</b> |             |        |        |      |            |
| B1131A1-ND3G-1-50  | 01          | Nickel | Delrin | 50   | N/A        |
| B1131A1-ND3G-3-50  | 03          | Nickel | Delrin | 50   | N/A        |
| B1131A1-ND3G-3-75  | 03          | Nickel | Delrin | 75   | N/A        |
| B1131A1-ND3G-8-50  | 08          | Nickel | Delrin | 50   | N/A        |

Remark: Only for solid center conductor cable

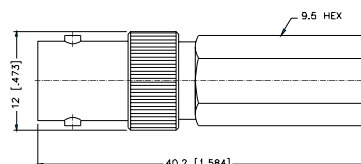
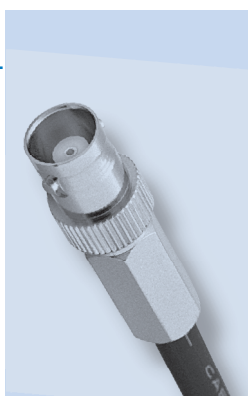


Assembly Instruction O - page 241

**Twist-On Jack - Standard Cable**

| P.N.              | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|-------------------|-------------|--------|--------|------|------------|
| B6131A1-ND3G-1-50 | 01          | Nickel | Delrin | 50   | N/A        |
| B6131A1-ND3G-3-50 | 03          | Nickel | Delrin | 50   | N/A        |

Remark: Only for solid center conductor cable

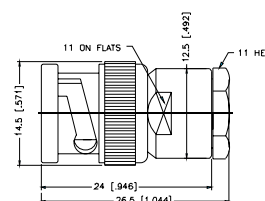


Assembly Instruction O - page 241

**Wedge compression Plug - Standard Cable**

| P.N.               | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|--------------------|-------------|--------|--------|------|------------|
| <b>Brass Shell</b> |             |        |        |      |            |
| B1141G1-ND3G-1-50  | 01          | Nickel | Delrin | 50   | N/A        |
| B1141G1-ND3G-3-50  | 03          | Nickel | Delrin | 50   | N/A        |
| B1141G1-ND3G-3-75  | 03          | Nickel | Delrin | 75   | N/A        |

Remark: With wedge pin

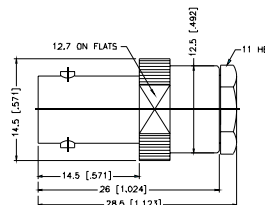
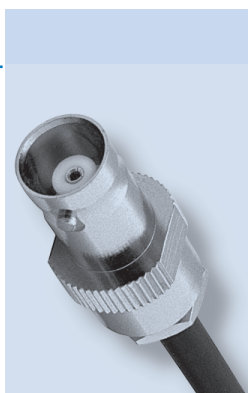


Assembly Instruction P - page 242

**Wedge Compression Jack - Standard cable**

| P.N.              | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|-------------------|-------------|--------|--------|------|------------|
| B6141G1-NT3G-1-50 | 01          | Nickel | Teflon | 50   | N/A        |
| B6141G1-NT3G-3-50 | 03          | Nickel | Teflon | 50   | N/A        |
| B6141G1-NT3G-3-75 | 03          | Nickel | Teflon | 75   | N/A        |

Remark: With wedge contact

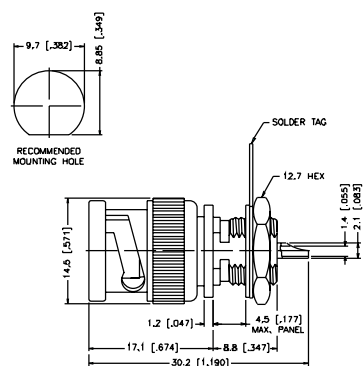
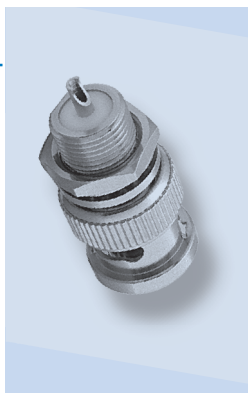


Assembly Instruction P - page 242

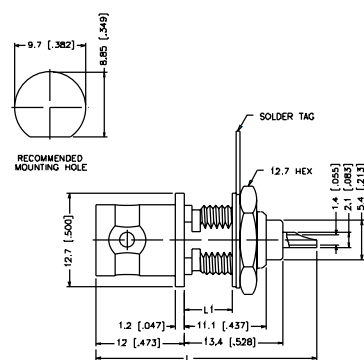
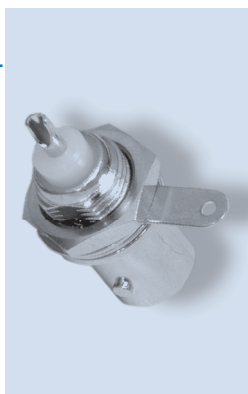
**Bulkhead Receptacle Plug - Front Mount**

| P.N.            | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| Brass Shell     |             |        |        |      |            |
| B1351Q1-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B1351Q2-NT3G-75 | N/A         | Nickel | Teflon | 75   | N/A        |

Remark: 4.5 [.177] Max. panel thickness

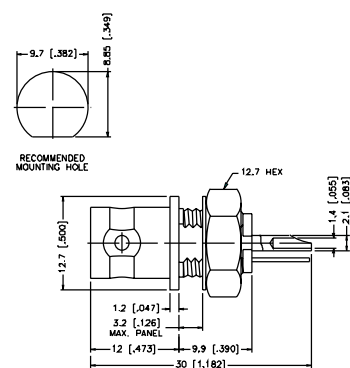
**Bulkhead Receptacle Jack - Front Mount**

| P.N.                                                  | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|-------------------------------------------------------|-------------|--------|--------|------|------------|
| L1 = 3.2 [.126] Max. panel thickness, L = 26.7 [1.05] |             |        |        |      |            |
| B6351B1-ND3G-50                                       | N/A         | Nickel | Delrin | 50   | N/A        |
| B6351B1-NT3G-50                                       | N/A         | Nickel | Teflon | 50   | N/A        |
| B6351B1-ND3G-75                                       | N/A         | Nickel | Delrin | 75   | N/A        |
| L1 = 6.5 [.256] Max. panel thickness, L = 30.0 [1.18] |             |        |        |      |            |
| B6351B2-ND3G-50                                       | N/A         | Nickel | Delrin | 50   | N/A        |
| B6351B2-ND3G-75                                       | N/A         | Nickel | Delrin | 75   | N/A        |

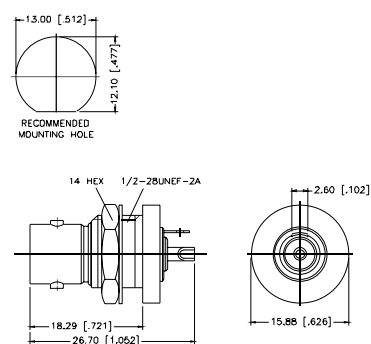
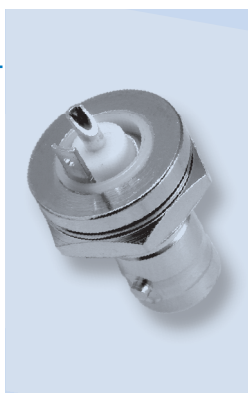
**Bulkhead Receptacle Isolated Jack - Front Mount**

| P.N.              | Cable Group | Pit.   | Ins. | Imp. | Crimp Tool |
|-------------------|-------------|--------|------|------|------------|
| B6651B1-NNYL3G-50 | N/A         | Nickel | ABS  | 50   | N/A        |
| B6651B1-NNYL3G-75 | N/A         | Nickel | ABS  | 75   | N/A        |

Remark: 3.2 [.126] Max. panel thickness

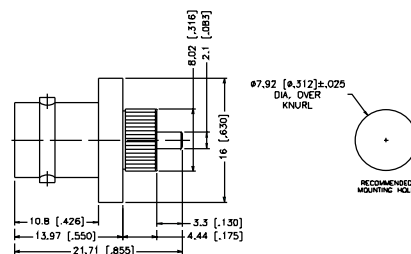
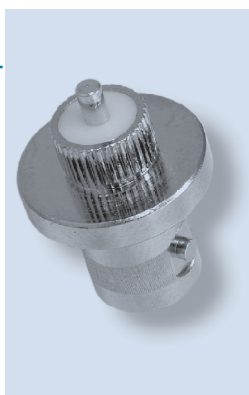
**Bulkhead Receptacle Isolated Jack - Rear Mount**

| P.N.                | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| B675100-001-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |

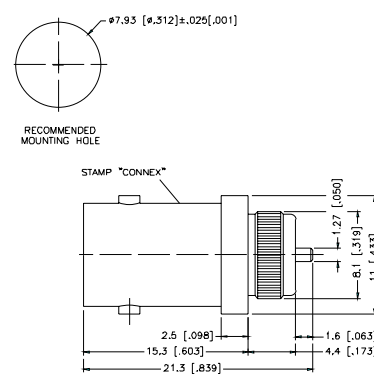


**Bulkhead Receptacle - Push Fit**

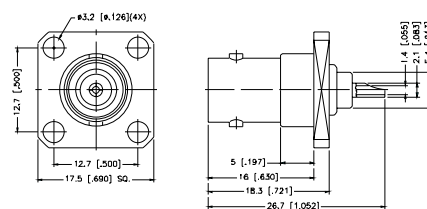
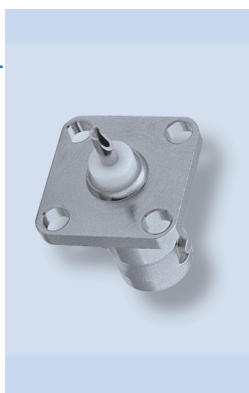
| P.N.             | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|------------------|-------------|--------|--------|------|------------|
| B6051A2-NT30G-50 | N/A         | Nickel | Teflon | 50   | N/A        |



| P.N.             | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|------------------|-------------|--------|--------|------|------------|
| B6051A1-NT50G-50 | N/A         | Nickel | Teflon | 50   | N/A        |

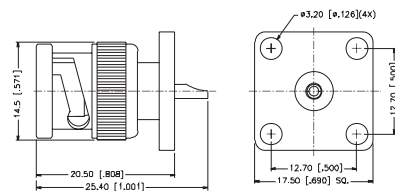
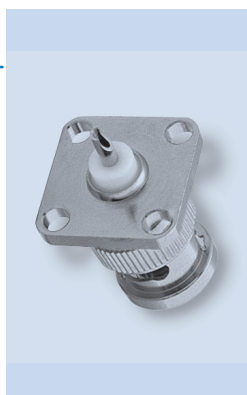
**Panel Receptacle Jack**

| P.N.                                          | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------------------------------|-------------|--------|--------|------|------------|
| B6551A1-NT3G-50                               | N/A         | Nickel | Teflon | 50   | N/A        |
| B6551A1-NT3G-75                               | N/A         | Nickel | Teflon | 75   | N/A        |
| B6551A9-001-NT3G-50<br>Flush Rear 4-40 Screws | N/A         | Nickel | Teflon | 50   | N/A        |



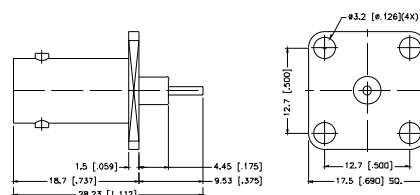
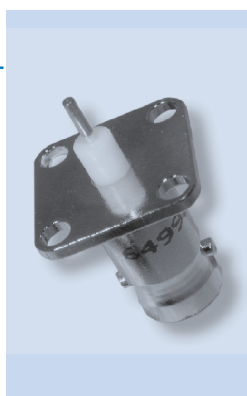
**Panel Receptacle Plug**

| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B1551A1-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |

**Panel Receptacle Jack - Exposed TFE Type**

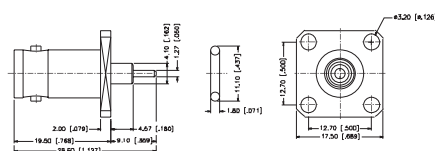
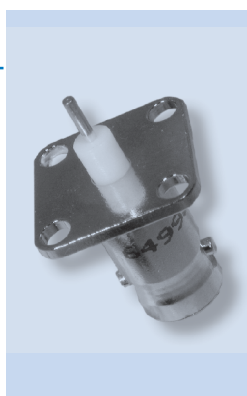
| P.N.                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|--------|--------|------|------------|
| B6551E1-002-NT30G-50  | N/A         | Nickel | Teflon | 50   | N/A        |
| B6551E1-002-ST30GA-50 | N/A         | Silver | Teflon | 50   | N/A        |

Note: Contact Amphenol for other lengths availability

**Panel Receptacle - Exposed Teflon - Gasket Seal**

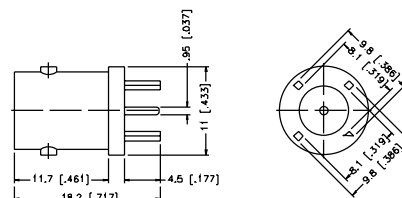
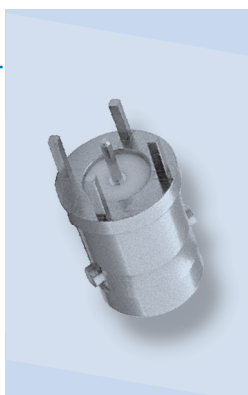
| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| B6551E1-001-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |

Note: Contact Amphenol for other lengths availability

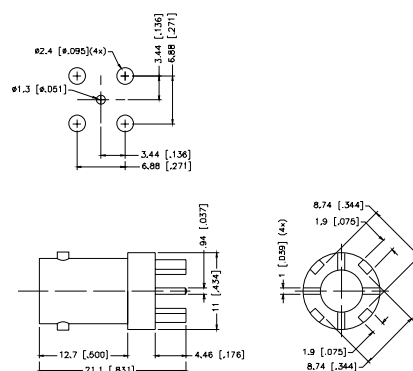
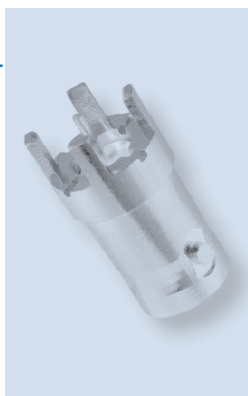


## Straight P.C. Board Mount Jack - Four Legs

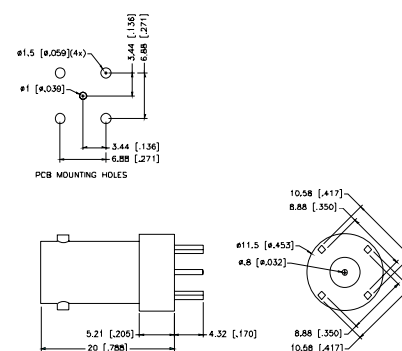
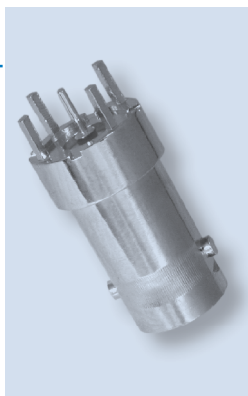
| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B6251C1-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |
| B6251C1-NT3G-75 | N/A         | Nickel | Teflon | 75   | N/A        |



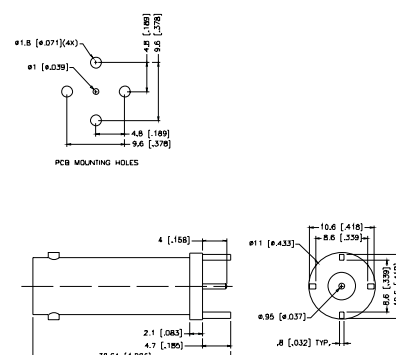
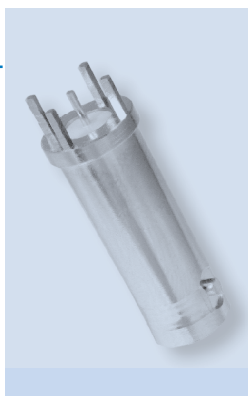
| P.N.             | Cable Group | Plt.   | Ins.          | Imp. | Crimp Tool |
|------------------|-------------|--------|---------------|------|------------|
| B6251D1-NPB3G-50 | N/A         | Nickel | PBT Polyester | 50   | N/A        |
| B6251D1-NPB3G-75 | N/A         | Nickel | PBT Polyester | 75   | N/A        |



| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| B6251C1-003-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |
| B6251C1-004-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |
| Waterproof          |             |        |        |      |            |

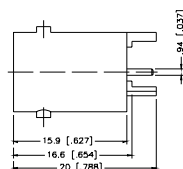
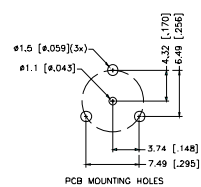
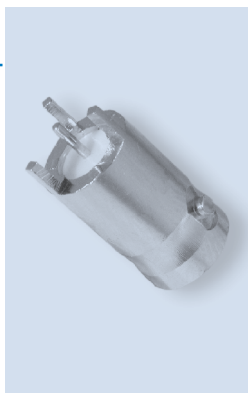


| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| B625100-009-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |
| B625100-009-NT3G-75 | N/A         | Nickel | Teflon | 75   | N/A        |



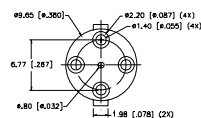
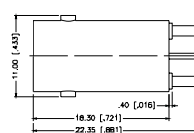
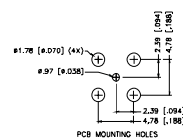
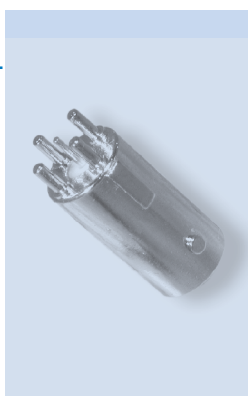
## Straight P.C. Board Mount Jack - Three Legs

| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B6251E1-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |

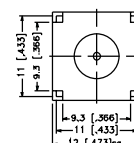
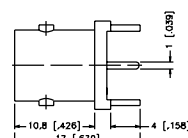
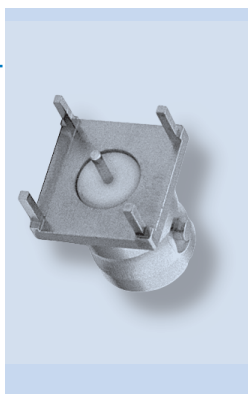


## Straight P.C. Board Mount Jack - Four Legs

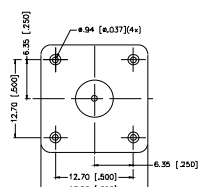
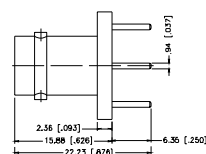
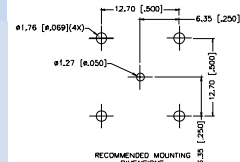
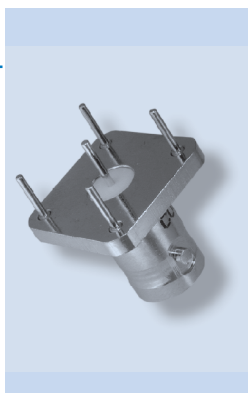
| P.N.                  | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------------|-------------|--------|--------|------|------------|
| B6251C1-005-NT30G-75T | N/A         | Nickel | Teflon | 75   | N/A        |



| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B6251F1-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |
| B6251F1-NT3G-75 | N/A         | Nickel | Teflon | 75   | N/A        |

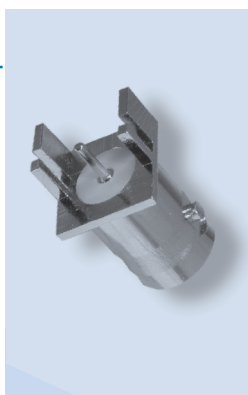
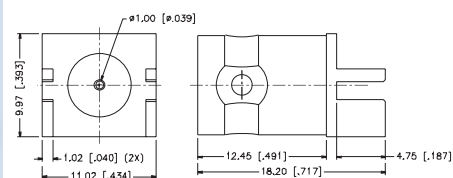


| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| B625100-008-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |
| B625100-005-NT3G-75 | N/A         | Nickel | Teflon | 75   | N/A        |

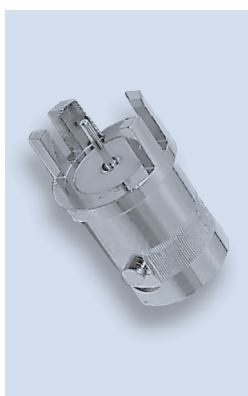
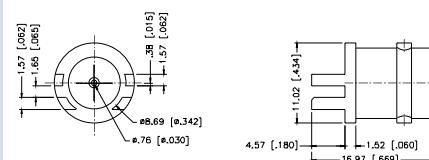


**Straight P.C. Board Edge mount Jack - End Launch**

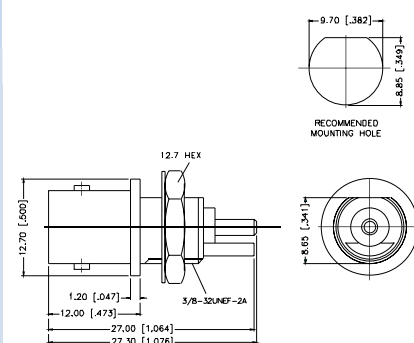
| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| B6251Q1-001-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |
| B6251Q1-001-NT3G-75 | N/A         | Nickel | Teflon | 75   | N/A        |
| Square Flange       |             |        |        |      |            |

**B6251Q1-001-NT3G-50**

|                     |     |        |        |    |     |
|---------------------|-----|--------|--------|----|-----|
| B6251Q1-001-NT3G-50 | N/A | Nickel | Teflon | 50 | N/A |
| B6251Q1-001-NT3G-75 | N/A | Nickel | Teflon | 75 | N/A |
| Round Flange        |     |        |        |    |     |

**B6251Q1-001-NT3G-75****Bulkhead Vertical P.C. Board Receptacle - End Launch**

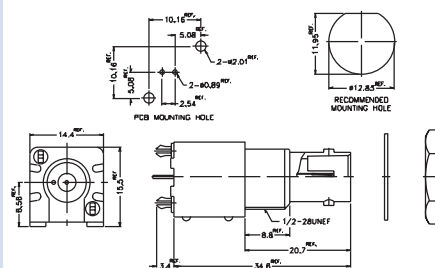
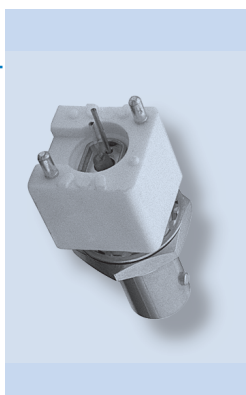
| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| B6351B1-004-NT3G-50 | N/A         | Nickel | Teflon | 50   | N/A        |



## Commercial Straight P.C. Board Mount Jack

| P.N.              | Cable Group | Pit.   | Ins.          | Imp. | Crimp Tool |
|-------------------|-------------|--------|---------------|------|------------|
| White Housing     |             |        |               |      |            |
| B6251G1-NPP3G-50  | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6251G1-NPP3G-75T | N/A         | Nickel | Polypropylene | 75   | N/A        |
| Black Housing     |             |        |               |      |            |
| B6251G2-NPP3G-50  | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6251G2-NPP3G-75T | N/A         | Nickel | Polypropylene | 75   | N/A        |

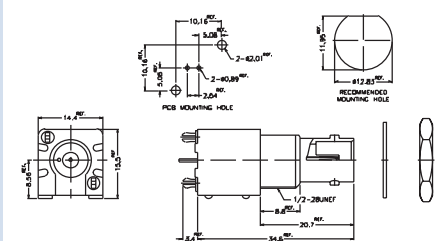
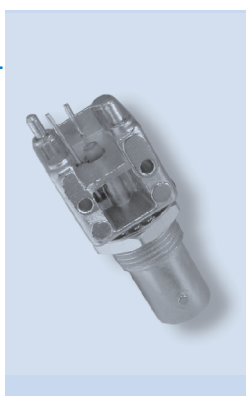
Remark: Add L to part number for Locking Legs



## Commercial Straight P.C. Board Mount Jack - Metal Body

| P.N.              | Cable Group | Pit.   | Ins.          | Imp. | Crimp Tool |
|-------------------|-------------|--------|---------------|------|------------|
| Diecast           |             |        |               |      |            |
| B6251G3-NPP3G-50  | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6251G3-NPP3G-75T | N/A         | Nickel | Polypropylene | 75   | N/A        |

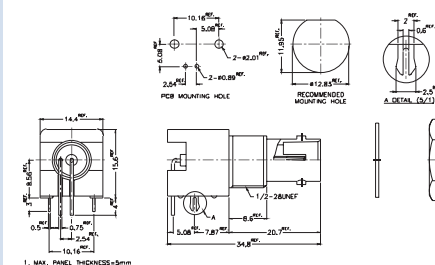
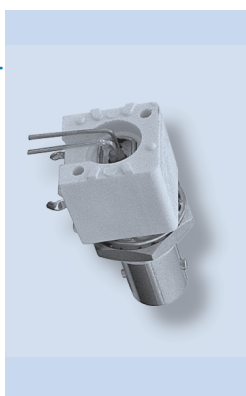
Note: Connectors are shipped with lock nut and washer



## Commercial Right Angle P.C. Board Mount Jack

| P.N.                             | Cable Group | Pit.   | Ins.          | Imp. | Crimp Tool |
|----------------------------------|-------------|--------|---------------|------|------------|
| High Profile, 15.88 [.625] White |             |        |               |      |            |
| B6252H5-NPP3G-50                 | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6252H5-NPP3G-75T                | N/A         | Nickel | Polypropylene | 75   | N/A        |
| High Profile, 15.88 [.625] Black |             |        |               |      |            |
| B6252H6-NPP3G-50                 | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6252H6-NPP3G-75T                | N/A         | Nickel | Polypropylene | 75   | N/A        |
| Low Profile, 13.1 [.516] White   |             |        |               |      |            |
| B6252H7-NPP3G-50                 | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6252H7-NPP3G-75T                | N/A         | Nickel | Polypropylene | 75   | N/A        |
| Low Profile, 13.1 [.516] Black   |             |        |               |      |            |
| B6252H8-NPP3G-50                 | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6252H8-NPP3G-75T                | N/A         | Nickel | Polypropylene | 75   | N/A        |

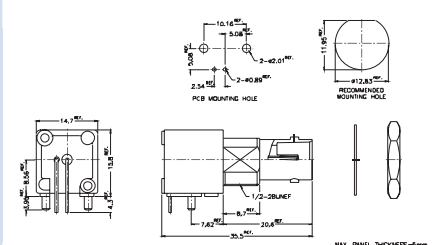
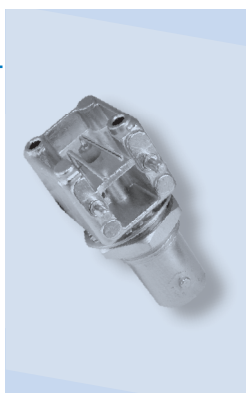
Note: Connectors are shipped with lock nut and washer



## Commercial Right Angle P.C. Board Mount Jack - Metal Body

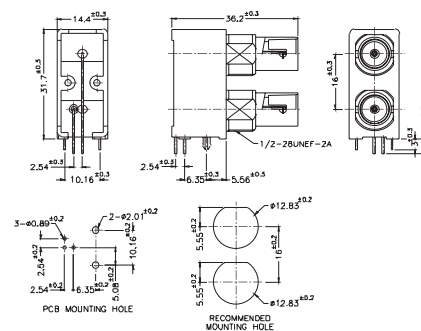
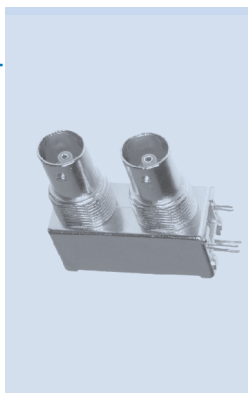
| P.N.                       | Cable Group | Pit.   | Ins.          | Imp. | Crimp Tool |
|----------------------------|-------------|--------|---------------|------|------------|
| Diecast                    |             |        |               |      |            |
| High Profile, 15.88 [.625] |             |        |               |      |            |
| B6252HA-NPP3G-50           | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6252HA-NPP3G-75T          | N/A         | Nickel | Polypropylene | 75   | N/A        |
| Low Profile, 13.1 [.516]   |             |        |               |      |            |
| B6252HB-NPP3G-50           | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6252HB-NPP3G-75T          | N/A         | Nickel | Polypropylene | 75   | N/A        |
| UL approved UL no. E161813 |             |        |               |      |            |
| High Profile, 15.88 [.625] |             |        |               |      |            |
| B6252HC-NPP3G-50           | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6252HC-NPP3G-75T          | N/A         | Nickel | Polypropylene | 75   | N/A        |
| with fork legs             |             |        |               |      |            |
| Low Profile, 13.1 [.516]   |             |        |               |      |            |
| B6252HD-NPP3G-50           | N/A         | Nickel | Polypropylene | 50   | N/A        |
| B6252HD-NPP3G-75T          | N/A         | Nickel | Polypropylene | 75   | N/A        |
| with fork legs             |             |        |               |      |            |

Note: Connectors are shipped with lock nut and washer

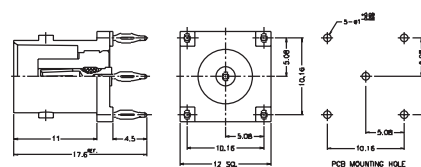
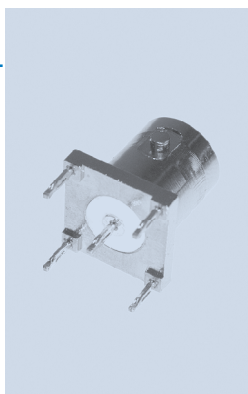


**Dual port PCB Mount Receptacle Hook**

| P.N.                             | Cable Group | Pit.   | Ins.          | Imp. | Crimp Tool |
|----------------------------------|-------------|--------|---------------|------|------------|
| B705000-NPB3G-75<br>Plastic body | N/A         | Nickel | Polypropylene | 75   | N/A        |
| B705001-NPB3G-75<br>Metal body   | N/A         | Nickel | Polypropylene | 75   | N/A        |

**Press-Fit PC Board Receptacle Jack**

| P.N.             | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|------------------|-------------|--------|--------|------|------------|
| B6251PF-NT10G-50 | N/A         | Nickel | Teflon | 50   | N/A        |

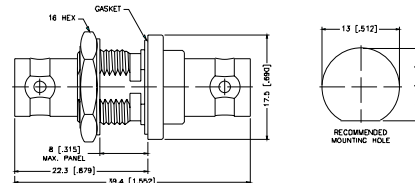




**Jack-to-Jack Bulkhead Adapter**

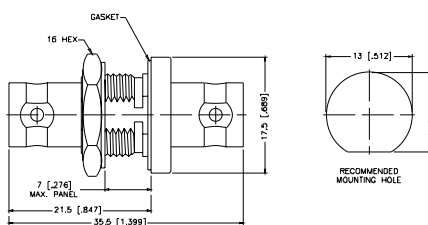
| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B7471A1-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B7471A1-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

Remark: 8.0 mm [.315] Max. panel thickness, M55339/13-00492



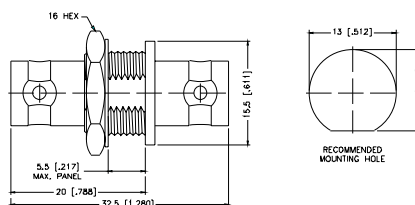
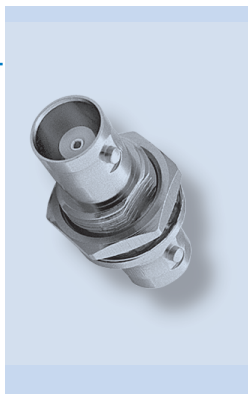
| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B7471A2-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B7471A2-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

Remark: 7.0 mm [.276] Max. panel thickness, UG-492A

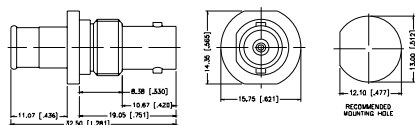


| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B7471B1-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B7471B1-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

Remark: Without gasket, 5.5 mm [.217] Max. panel thickness

**Jack-to-Plug Bulkhead Adapter - Push-On**

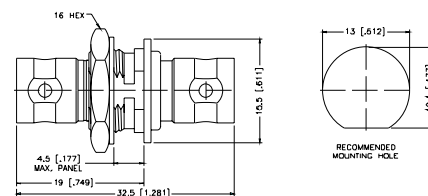
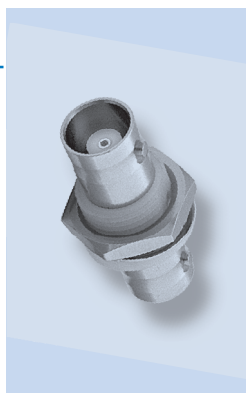
| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B5071A1-NT3G-75 | N/A         | Nickel | Teflon | 75   | N/A        |



**Jack-to-Jack Bulkhead - Isolated Adapter**

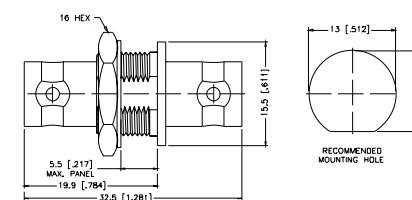
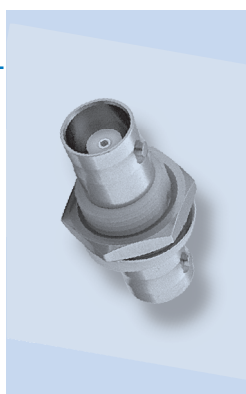
| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B7771B1-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B7771B1-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

Remark: With Isolated Bushing,  
4.5 mm [.177] Max. panel thickness

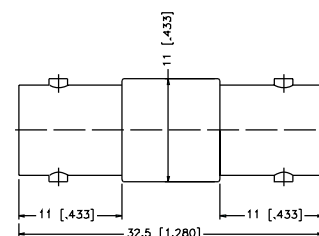


| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B7771B3-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B7771B3-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

Remark: 5.5 mm [.217] Max. panel thickness

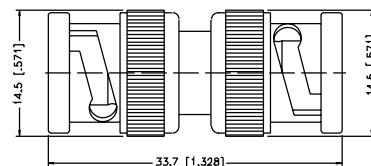
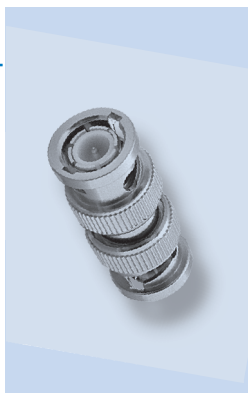
**Jack-to-Jack Adapter**

| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B7071A1-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B7071A1-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

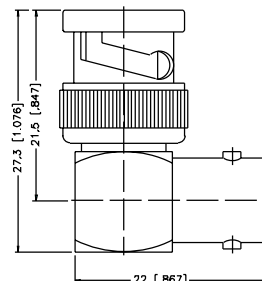


**Plug-to-Plug Adapter**

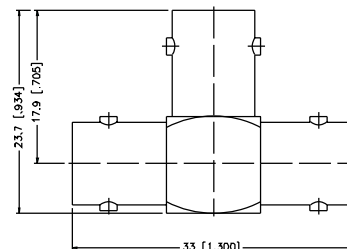
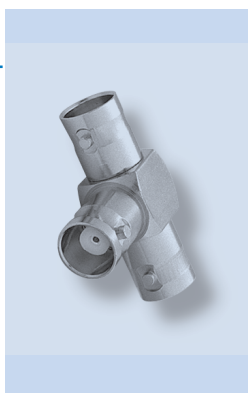
| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| Brass Shell         |             |        |        |      |            |
| B2071A2-ND3G-50     | N/A         | Nickel | Delrin | 50   | N/A        |
| B2071A2-ND3G-75     | N/A         | Nickel | Delrin | 75   | N/A        |
| Diecast Shell       |             |        |        |      |            |
| B2071B2-002-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B2071B2-002-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

**Right Angle Adapter - Plug-to-Jack**

| P.N.                | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|---------------------|-------------|--------|--------|------|------------|
| Brass Shell         |             |        |        |      |            |
| B5072A1-ND3G-50     | N/A         | Nickel | Delrin | 50   | N/A        |
| B5072A1-ND3G-75     | N/A         | Nickel | Delrin | 75   | N/A        |
| Diecast Shell       |             |        |        |      |            |
| B5072B1-001-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B5072B1-001-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

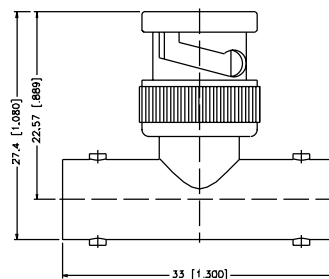
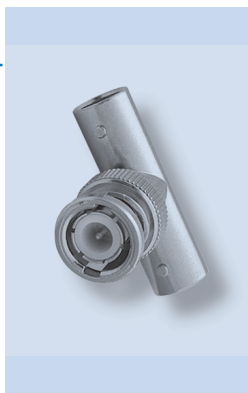
**Tee Adapter - Jack-to-Jack-to-Jack**

| P.N.            | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B8073A1-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B8073A1-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

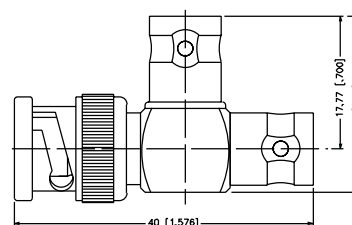
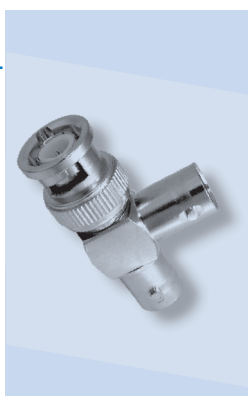


**Tee Adapter - Jack-to-Plug-to-Jack**

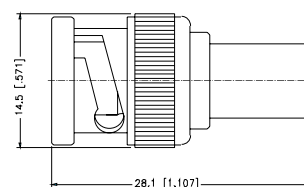
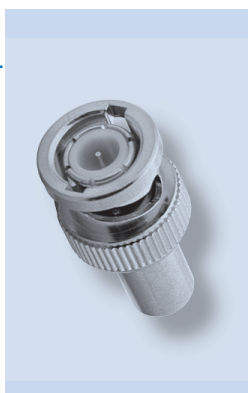
| P.N.            | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|-----------------|-------------|--------|--------|------|------------|
| B9073D1-ND3G-50 | N/A         | Nickel | Delrin | 50   | N/A        |
| B9073D1-ND3G-75 | N/A         | Nickel | Delrin | 75   | N/A        |

**Tee Adapter - Jack-to-Jack-to-Plug**

| P.N.         | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|--------------|-------------|--------|--------|------|------------|
| OS-7078-NDG  | N/A         | Nickel | Delrin | 50   | N/A        |
| OS-7078-NT3G | N/A         | Nickel | Teflon | 50   | N/A        |

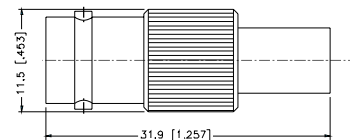
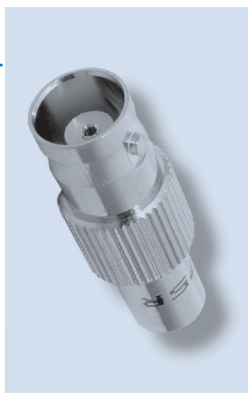
**Terminator Plug**

| P.N.                                           | Cable Group | Pit.   | Ins.   | Imp. | Crimp Tool |
|------------------------------------------------|-------------|--------|--------|------|------------|
| B1004A1-ND3G-50R-0.05-0.5W                     | N/A         | Nickel | Delrin | 50   | N/A        |
| B1004A1-NT3G-50R-0.5W                          | N/A         | Nickel | Teflon | 50   | N/A        |
| B1004A1-ND3G-75R-0.05-1W                       | N/A         | Nickel | Delrin | 75   | N/A        |
| B1004A1-NT3G-75R-0.05-1W                       | N/A         | Nickel | Teflon | 75   | N/A        |
| B1004A1-ND3G-93R-0.05-1W                       | N/A         | Nickel | Delrin | 93   | N/A        |
| B1004A1-NT3G-93R-0.05-1W                       | N/A         | Nickel | Teflon | 93   | N/A        |
| B1004A3-NT3G-50R<br>High Performance           | N/A         | Nickel | Teflon | 50   | N/A        |
| B1004A3-NT3G-75R-0.01-0.5W<br>High Performance | N/A         | Nickel | Teflon | 75   | N/A        |

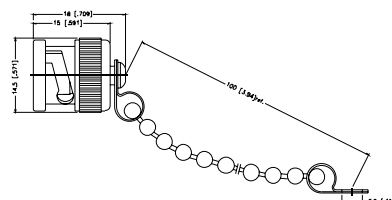


**Terminator Jack**

| P.N.                     | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|--------------------------|-------------|--------|--------|------|------------|
| B6004A1-NT3G-50R-0.05-1W | N/A         | Nickel | Teflon | 50   | N/A        |
| B6004A1-NT3G-75R-0.05-1W | N/A         | Nickel | Teflon | 75   | N/A        |
| B6004A1-001-ND3G         | N/A         | Nickel | Delrin | 500  | N/A        |

**Male Cap & Chain**

| P.N.                                                   | Cable Group | Plt.   | Ins. | Imp. | Crimp Tool |
|--------------------------------------------------------|-------------|--------|------|------|------------|
| B1005A1-N<br>With Chain<br>Remark: Chain length 100 mm | N/A         | Nickel | N/A  | N/A  | N/A        |
| B1005A1-001-N<br>No Chain                              | N/A         | Nickel | N/A  | N/A  | N/A        |

**Male Shorting Cap**

| P.N.                       | Cable Group | Plt.   | Ins.   | Imp. | Crimp Tool |
|----------------------------|-------------|--------|--------|------|------------|
| B1007A1-NT3G<br>No Chain   | N/A         | Nickel | Teflon | N/A  | N/A        |
| B1007A2-NT3G<br>With Chain | N/A         | Nickel | Teflon | N/A  | N/A        |

