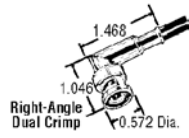
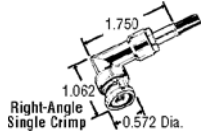


## Coaxial Connectors

### Coaxial Connectors



AMP® BNC RF connectors have bayonet-lock coupling. AMP's exclusive single and dual crimp terminations insure positive insulation grip and require absolutely no soldering. They provide termination at the lowest overall applied

cost. **Rating:** 500 volts (RMS). **Frequency:** 0-2.5 GHz for single crimp; 0-2 GHz for 75 ohm; 0-4 GHz for all others. **Style:** Mil type or commercial (Com.). **Crimping tools for the connectors can be located on page 413.**

#### BNC Right Angle Plugs (50 or 75 Ohms)

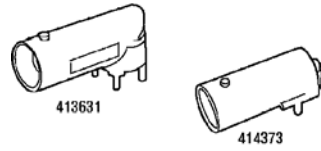
Standard single (S), dual (D), and hex (H) crimp termination plugs. Contact plating is gold (G). Body plating is nickel (N). The dielectric is

polymethylpentene (PM) or teflon® (T).

| Stock No. | Mfr.'s Type | Crimp Type | Ohms | For RG/U Cable              | Contact Plating | Body Plating | Dielectric | Style     | CERTI-CRIMP® Hand Tool | Interchangeable Dies for PROCRIMPER™ II Hand Tool | EACH  |       |         |
|-----------|-------------|------------|------|-----------------------------|-----------------|--------------|------------|-----------|------------------------|---|-------|-------|---------|
|           |             |            |      |                             |                 |              |            |           |                        |   | 1-24  | 25-99 | 100-499 |
| 512-2278  | 331178      | S          | 50   | 174, 188, 188A, 316         | G               | N            | T          | Mil. type | 69245-1                | —   | 19.89 | 18.08 | 16.41   |
| 512-2056  | 413959-3    | H          | 50   | 174, 188, 188A, 316         | G               | N            | PM         | Com.      | —                      | 58436-3   | 8.86  | 7.98  | 7.24    |
| 512-2282  | 225974-1    | D          | 50   | 58, 58A, 58B, 58C           | G               | N            | T          | Mil. type | 69478-1                | 220189-3  | 17.01 | 15.47 | 14.18   |
| 512-2057  | 413959-1    | H          | 50   | 58, 58A, 58B, 58C           | G               | N            | PM         | Com.      | —                      | 58436-1†  | 7.75  | 7.12  | 6.46    |
| 512-2059  | 413959-2    | H          | 50   | —                           | G               | N            | PM         | Com.      | —                      | 58436-1†  | 8.86  | 7.90  | 7.24    |
| 512-2067  | 413959-6    | H          | 50   | Belden 9907, 89907          | G               | N            | PM         | Com.      | —                      | 58436-1†  | 8.86  | 7.90  | 7.24    |
| 512-2068  | 413588-3    | H          | 75   | Belden 8218                 | G               | N            | PM         | Com.      | —                      | 58425-1   | 11.35 | 10.22 | 9.37    |
| 512-2069  | 413588-5    | H          | 75   | Belden 8281, 9231, AT&T 728 | G               | N            | PM         | Com.      | —                      | 58425-3   | 11.35 | 10.32 | 9.37    |
| 512-2073  | 413588-7    | H          | 75   | Belden 9145, AT&T 734A      | G               | N            | PM         | Com.      | —                      | 58425-1   | 11.35 | 10.22 | 9.37    |

\*59, 59A, 59B, 62, 62A, 62B, 124, 140, 210, Belden 9291, 9209, 9268. †Included in PRO-CRIMPER II assembly 58433-2.

### BNC Connectors 50 Ohm Right-Angle PC Board Mount Jacks



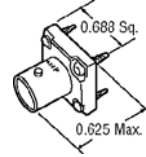
| Stock No. | Mfr.'s Type | Body Plating | Center Contact Length | Dielectric | EACH |
|-----------|-------------|--------------|-----------------------|------------|------|
| 512-9163  | 413631-1    | Nickel       | 0.171                 | PM*        | 4.53 |
| 512-1686  | 413631-3    | Nickel       | 0.131                 | PM*        | 5.14 |

\*Polymethylpentene.

| Stock No. | Mfr.'s Type | Body Plating | Contact | Dielectric | EACH |
|-----------|-------------|--------------|---------|------------|------|
| 512-1687  | 414373-1    | Nickel       | Gold    | TPX        | 2.49 |
| 512-2457  | 414373-4*   | Tin-Lead     | Gold    | TPX        | 1.83 |

\*Board retention leg prevents connector from tipping during wave solder.

### BNC Jack, PC Board Action Pins



Dielectric: Teflon®. Isolation Pad: Polyester. Body Plating: Nickel. Ground Clip Plating: Nickel. Center Contact Plating: Gold. Action Pin Legs: Gold.

|          |               |       |       |           |
|----------|---------------|-------|-------|-----------|
| 512-2459 | 414553-1.50 Ω | 1-24  | EACH  | 10.81     |
| 25-49    | EACH          | 9.73  | 50-99 | EACH 8.11 |
| 512-2461 | 414493-1.75 Ω | 1-24  | EACH  | 11.79     |
| 25-49    | EACH          | 10.61 | 50-99 | EACH 8.11 |

### Consumer Series BNC Plugs



► Plating — Contact - Gold; Body - Nickel; Dielectric — Thermoplastic

New low-cost alternative to AMP's full line of commercial and military-style BNC connectors. The sleek, lightweight plastic collars come in black, red, green, blue and computer grey for easy circuit identification without any additional assembly. Fully interchangeable with standard BNC jacks.

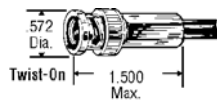
#### 50 Ohm BNC Plugs

| Stock No. | Mfr.'s Type | Cable/RG Size  | Crimp Type | Color         | EACH |       |         |
|-----------|-------------|--|------------|---------------|------|-------|---------|
|           |             |  |            |               | 1-24 | 25-99 | 100-499 |
| 512-9506  | 414852-6    | 174, 174A, 316, 188, 188A, 179, 179A, 179B, 161, 187               | Dual       | Zinc Die Cast | 1.33 | 1.21  | 1.11    |
| 512-9513  | 414852-4    | 58, 58A, 58B, 58C, Belden 9907                                     | Dual       | Zinc Die Cast | 1.33 | 1.21  | 1.11    |
| 512-9519  | 414852-5    | 124, 140, 210, 62, 62A, 62B, 59, 59A, 59B, Belden 9291, 9209, 9269 | Dual       | Zinc Die Cast | 1.33 | 1.21  | 1.11    |

#### PRO-CRIMPER™ II Hand Tool

512-9521. 58559-1. Hand Tool with Die Set. For Cable/RG Sizes 174, 316, 188, 179, 161, 187.....EACH 399.26

### BNC 50 Ohm, Twist-On-Plugs



Contact Plating: Gold. Body Plating: Nickel. Dielectric: Polymethylpentene. Style: Com.

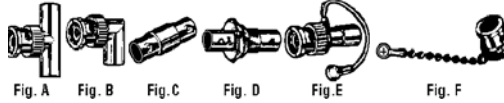
| Stock No. | Mfr.'s Type | For RG/U Cable             | EACH |       |         |
|-----------|-------------|----------------------------|------|-------|---------|
|           |             |                            | 1-24 | 25-99 | 100-499 |
| 512-2322  | 414265-7    | 58, 58A, 58B, 58C          | 5.12 | 4.65  | 4.27    |
| 512-2103  | 414265-3    | 59, 59A, 59B, 62, 62A, 62B | 2.06 | 1.87  | 1.72    |

### PRO CRIMPER™ II BNC Premise Wiring Kit

Includes: Hand tool, 5 plugs for RG58, 10 plugs for RG59/62, 5 plugs for RG58 plenum, 5 plugs for RG59/62 plenum, 2 jack to jack adapters, and 2 "T" adapters.

512-8477. 58477-1.....EACH 150.09

### BNC Adapters



Contact Plating: Gold (G) or silver (S). Body Plating: Nickel (N) or silver (S). Dielectric: Polypropylene (PP), Polymethylpentene (PM) or Teflon® (T).

#### Tee Adapters — Jack-Plug-Jack (Fig. A)

221543-2 comparable to UG274A/U. 329518 comparable to UG274B/U.

| Stock No. | Mfr.'s Type | Body Plating | Contact Plating | Dielectric | EACH  |       |       |
|-----------|-------------|--------------|-----------------|------------|-------|-------|-------|
|           |             |              |                 |            | 1-24  | 25-49 | 50-99 |
| 512-2202  | 221543-2    | Brass, N     | G               | T          | 11.65 | 10.49 | 8.74  |
| 512-2156  | 329518      | Brass, S     | S               | T          | 15.97 | 14.52 | 13.31 |
| 512-2155  | 413592-2    | Zinc, N      | G               | Acetal     | 5.17  | 4.65  | 3.88  |
| 512-2157  | 413592-4    | Zinc, N      | S               | Acetal     | 4.53  | 4.08  | 3.40  |

#### BNC Right-Angle Adapters — Jack-Plug (Fig. B)

Both are comparable to UG306B/U.

|          |          |   |   |    |       |       |       |
|----------|----------|---|---|----|-------|-------|-------|
| 512-2160 | 329517   | N | S | T  | 14.67 | 13.20 | 11.00 |
| 512-2161 | 222165-2 | N | G | T  | 14.67 | 13.20 | 11.00 |
| 512-2455 | 414666-1 | N | G | PM | 10.20 | 9.18  | 7.65  |

#### BNC Feed-Thru Adapters — Jack-Jack (Fig. C)

Both are comparable to UG914B/U.

|          |          |   |   |   |      |      |      |
|----------|----------|---|---|---|------|------|------|
| 512-2165 | 221551-1 | N | S | T | 7.61 | 6.31 | 5.32 |
| 512-2210 | 221551-3 | N | G | T | 6.10 | 5.49 | 4.57 |

#### BNC Bulkhead Adapters — Jack-Jack (Fig. D)

228226 is comparable to UG492/D.

| Stock No. | Mfr.'s Type | Impedance | Body Plating | Contact Plating | Dielectric        | EACH  |       |       |
|-----------|-------------|-----------|--------------|-----------------|-------------------|-------|-------|-------|
|           |             |           |              |                 |                   | 1-24  | 25-49 | 50-99 |
| 512-2162  | 330024      | 50 Ohm    | S            | S               | PP                | 13.58 | 12.22 | 10.18 |
| 512-2164  | 228226-1    | 50 Ohm    | N            | G               | PP                | 4.99  | 4.49  | 3.74  |
| 512-2167  | 222117-1    | 75 Ohm    | N            | G               | Polymethylpentene | 6.91  | 6.22  | 5.19  |

#### BNC Commercial Terminator Plugs (Fig. E)

| Stock No. | Mfr.'s Type | Resistor Spec. | Body Plating | Contact Plating | Note           | EACH |       |         |
|-----------|-------------|----------------|--------------|-----------------|----------------|------|-------|---------|
|           |             |                |              |                 |                | 1-24 | 25-99 | 100-499 |
| 512-2166  | 221629-1    | 1 Watt, 50 Ohm | N            | G               | With Tether    | 6.48 | 5.83  | 4.86    |
| 512-2206  | 221629-4    | 1 Watt, 50 Ohm | N            | G               | Without Tether | 3.58 | 3.22  | 2.69    |
| 512-2208  | 221629-5    | 1 Watt, 75 Ohm | N            | G               | Without Tether | 7.43 | 6.69  | 5.58    |
| 512-2168  | 221629-6    | 1 Watt, 93 Ohm | N            | G               | Without Tether | 5.67 | 5.10  | 4.25    |

#### BNC Jack Cover — Cap (Fig. F)

| Stock No. | Mfr.'s Type | Body Plating | Comparable To | EACH |       |         |
|-----------|-------------|--------------|---------------|------|-------|---------|
|           |             |              |               | 1-24 | 25-99 | 100-499 |
| 512-2170  | 330022      | S            | CW123-A       | 5.51 | 4.96  | 4.13    |

Turn To Section 1 For Allied Office Addresses and Local Phone Numbers

ALLIED ► 411