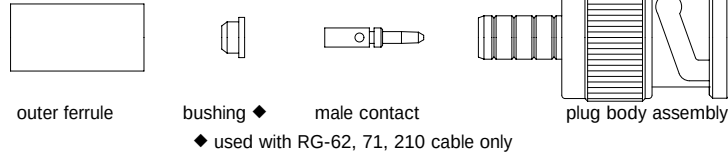


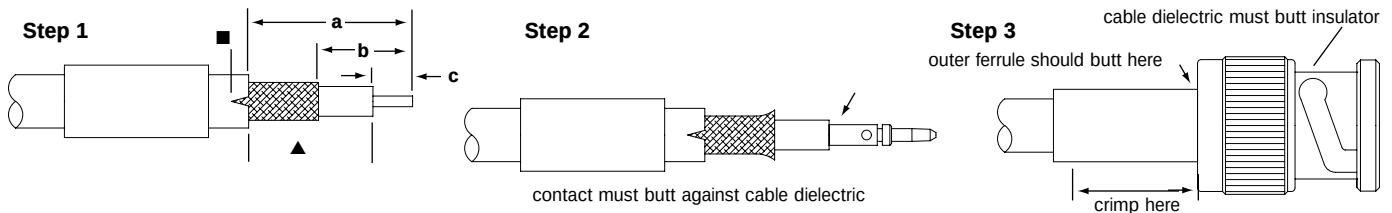
# Assembly Instructions-C26 BNC

Amphenol®

## 3-PIECE CRIMP PLUGS



| Amphenol Number | Connector Type | Cable RG-/U                               | Hex Crimp Data     |                          |                           |                        | Stripping Dimensions, inches (mm) |           |           |
|-----------------|----------------|-------------------------------------------|--------------------|--------------------------|---------------------------|------------------------|-----------------------------------|-----------|-----------|
|                 |                |                                           | Cavity for Contact | Cavity for Outer Ferrule | Die Set for Tool 227-944* | CTL Series Tool Number | a                                 | b         | c         |
| 36650-1003      | BNC Plug       | Belden 82907, 88240 89907, Plenum 58      | .068(1.7)          | .178(4.5)                | 227-1221-9                | CTL-2                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 36650-3RFX      | BNC Plug       | Plenum 58                                 | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .630(16.0)                        | .319(8.1) | .157(4.0) |
| 36875           | BNC Plug       | 55, 142, 223, 400                         | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 68175-1003      | BNC Plug       | Belden 9259                               | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 68175-1005      | BNC Plug       | 59 (20AG CC)                              | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 68175-1011      | BNC Plug       | Belden 1560A, 82259, 89259, Plenum 59, 62 | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 68175-11RFX     | BNC Plug       | Plenum 59, 62                             | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .630(16.0)                        | .303(7.7) | .157(4.0) |
| 68175-5RFX      | BNC Plug       | 59 (20GA CC)                              | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .630(16.0)                        | .303(7.7) | .157(4.0) |
| 31-242          | BNC Plug       | 179, 187                                  | .068(1.7)          | .178(4.5)                | 227-1221-9                | CTL-2                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-242-RFX      | BNC Plug       | 179, 187                                  | .068(1.7)          | .178(4.5)                | 227-1221-9                | CTL-2                  | .590(15.0)                        | .323(8.2) | .118(3.0) |
| 31-315          | BNC Plug       | 174, 188, 316                             | .068(1.7)          | .178(4.5)                | 227-1221-9                | CTL-2                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-315-RFX      | BNC Plug       | 174, 188, 316                             | .068(1.7)          | .178(4.5)                | 227-1221-9                | CTL-2                  | .654(16.6)                        | .323(8.2) | .118(3.0) |
| 31-315-1005     | BNC Plug       | Dbl. Br. 316                              | .068(1.7)          | .178(4.5)                | 227-1221-9                | CTL-2                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-320          | BNC Plug       | 58, 141                                   | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-320-RFX      | BNC Plug       | 58A, 141, 142A                            | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .630(16.0)                        | .303(7.7) | .156(4.0) |
| 31-320-1006     | BNC Plug       | Belden 9907, 89907                        | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-321          | BNC Plug       | 59, 62                                    | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-321-RFX      | BNC Plug       | 59, 62                                    | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .630(16.0)                        | .303(7.7) | .156(4.0) |
| 31-321-1000     | BNC Plug       | Belden 8281, 88281                        | .068(1.7)          | .324(8.2)                | 227-1221-32               | CTL-2                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-321-10RFX    | BNC Plug       | Belden 8281                               | .068(1.7)          | .324(8.2)                | 227-1221-32               | CTL-2                  | .630(16.0)                        | .303(7.7) | .156(4.0) |
| 31-325          | BNC Plug       | Belden 8218                               | .068(1.7)          | .178(4.5)                | 227-1221-9                | CTL-2                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-326          | BNC Plug       | 55, 142, 223                              | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-326-RFX      | BNC Plug       | 55, 142, 223, 400                         | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-4320         | BNC Plug       | 58, 141                                   | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-4321         | BNC Plug       | 59, 62                                    | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-4411         | BNC Plug       | Belden 8213                               | .100(2.5)          | .429(10.9)               | 227-1221-25               | CTL-3                  | .650(16.5)                        | .250(6.4) | .156(4.0) |
| 31-4427         | BNC Plug       | 142, 400                                  | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-5558-RFX     | BNC Plug       | 6 Type (.314OD)                           | .068(1.7)          | .324(8.2)                | 227-1221-32               | CTL-2                  | .630(16.0)                        | .303(7.7) | .156(4.0) |
| 31-5800         | BNC Plug       | 58, 141, PL-58                            | .068(1.7)          | .213(5.4)                | 227-1221-11               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |
| 31-5900         | BNC Plug       | 59, 62, 59 (20GA CC), Plenum -59, 62      | .068(1.7)          | .255(6.5)                | 227-1221-13               | CTL-1                  | .593(15.1)                        | .250(6.4) | .156(4.0) |



**Step 1** Strip cable jacket, braid, and dielectric to dimensions in table above. [for RG-62, 71, 210/U cable, trim an additional .039"(1.0mm) of insulation off center conductor and add bushing] All cuts are to be sharp and square. Important: Do not nick braid, dielectric, and center conductor. Slide outer ferrule onto cable as shown.

**Step 2** Flare slightly end of cable braid as shown to facilitate insertion of inner ferrule. Important: Do not comb out braid ▲. Place contact on cable center conductor so that it butts against cable dielectric. Crimp contact in place using Die Set Cavity indicated in table above. When using RG-62, 71, 210 cable, install bushing over center conductor before installing contact.

**Step 3** Install cable assembly into body assembly so that inner ferrule portion slides under braid. Push cable assembly forward until contact snaps into place in insulator. Slide outer ferrule over braid and up against connector body. Crimp outer ferrule using Die Set Cavity specified in table above.

▲ For RG-174, 179, 187, 188, 316/U cables only, slit jacket back .100"(2.5mm) as shown. Before attaching center contact, slide metal spacer/TFE sleeve (not shown) over cable dielectric and under braid. The center contact should butt against the dielectric and TFE sleeve.

\* for pneumatic crimp tool 227-60, use die sets indicated in this column.