

For AirCell® Plenum, & Ultra-Flex 1/2" 50 & 75 Ohm Cables, with Power Coring Tool (PCT012) 2

Cable Product Code AP012J50, APC012J50, AP012J75, AU012J50. Connector Product Code DMP01250, DFP01250, NMP01250, NFP01250, DMP01275, DFP01275, NMP01275, NFP01275.

General Description

AirCell® connectors are designed specifically for use with Trilogy's AirCell® 50 and 75 Ohm 1/2" cables. This instruction only applies when the Power Coring Tool (PCT012) is used. **Instructions should be read thoroughly prior to connector installation.**

Installation Tools

| | |
|----------------------------|-----------------------------------|
| Power Coring Tool (PCT012) | Cable Cutter (TC63050) |
| Razor Knife (TC10099) | Inner Conductor Strip Tool (ICST) |
| 3M Scotchbrite™ Pad | Adjustable Wrenches |

Prepare Cable for Connectorization

- 1) **Squarely cut the cable using a cable cutter** (ensure that the cable is straight for at least six inches behind the point where connector will attach), and make sure the center conductor has been re-centered. (figure 1)
- 2) **Insert cable end into prep tool.** (figure 2) With the power tool, use slow, steady speed. When tool no longer cuts away material and spins freely, remove tool while continuing to turn.
- 3) **Remove disk remnants of center conductor** by using razor knife or ICST. Remove any adhesive on center conductor using a 3M pad, (figure 3).



Figure 1



Figure 2

Figure 3

Connectorization

- 4) **Slide back-nut of connector onto prepared cable end.** Back-nut should snap into place, (figure 4). Slide front-nut onto center conductor. **Hand-tighten** the two pieces together.

Tighten the Connector

- 5) **Tighten the connection with wrenches** by holding front-nut while turning back-nut until back-nut reaches a positive stop, (figure 5).

Figure 4

Figure 5

Caution: For best electrical performance, do not damage the center or outer conductors.

Notice: Trilogy disclaims any liability or responsibility for the results of improper or unsafe installation, inspection, maintenance, or removal practices.