

# RF Test Solutions

## 1/2" Feedline Press-on Test Connector

Suitable for Commscope LDF4, Eupen EC4, Trilogy AC012 & AT012

Tools Needed			
Hacksaw	Utility Knife	Course Sandpaper	File

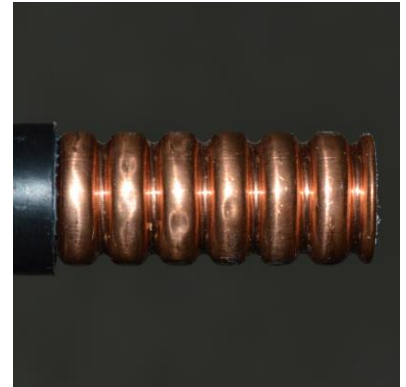
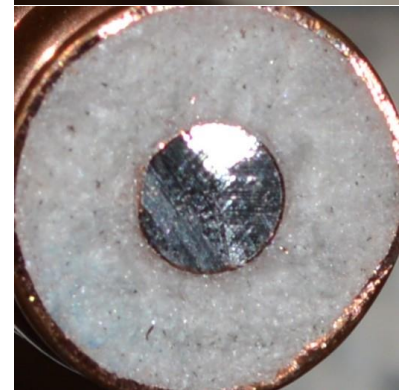
### Instructions for Foam Dielectric Cables LDF4 and EC4

1. Cut the end of the feedline square and clean using the hacksaw.

2. If needed clean the foam dielectric of debris. For an Aluminum center conductor if it has been exposed to air for more than a couple of hours use a file or sandpaper to remove the oxide coating. Aluminum will oxidize when exposed to air and it is an electrical insulator.

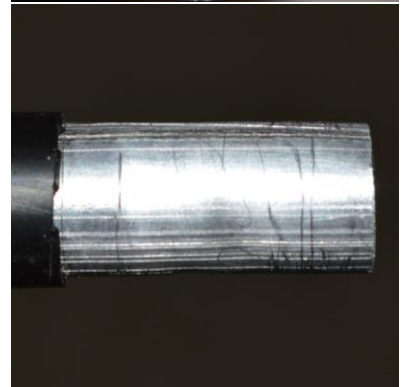
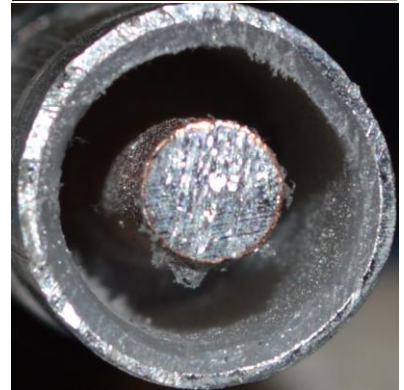
3. Strip 1.5" of the outer jacket off. The test connector slips over the outer conductor and not over the jacket.

4. Terminate the far end of the feedline. A convenient way to do this is by using a Term Cap™ instead of installing a connector. With a square clean cut push the Term Cap on. Once terminated, test using DTF Distance to Fault over a wide sweep bandwidth. Since you are testing only the cable ignore the test connector and the far end termination.



## Instructions for Air Dielectric Cable AC012 and AT012

1. Cut the end of the feedline square and clean using the hacksaw.
2. Clean any debris from the cut performed above using the utility knife. For Aluminum conductors if it has been exposed to air for more than a couple of hours use a file or sandpaper to remove the oxide coating. Aluminum will oxidize when exposed to air and it is an electrical insulator.
3. Strip 1.5" of the outer jacket off. The test connector slips over the outer conductor and not over the jacket. If the Aluminum outer conductor has been exposed to air for more than a couple of hours you should lightly sand it to remove the oxide. The oxide is an insulator and can affect the testing if not removed.
4. Terminate the far end of the feedline. A convenient way to do this is by using a Term Cap™ instead of installing a connector. With a square clean cut push the Term Cap on. Once terminated, test using DTF Distance to Fault over a wide sweep bandwidth. Since you are testing only the cable ignore the test connector and the far end termination.



Press-on Test Connectors and Term Caps™ for 1/2" and 7/8" feedline sizes are available from [www.TestedRFCables.com](http://www.TestedRFCables.com). You can also ask that your cable manufacturer or distributor install Term Caps™ when shipping product to you.