



## Coax Cable Connector Installation Work shop

The Lake Area Amateur Radio Klub in The Colony Texas will be conducting a coax cable connector instruction and workshop during the clubs September meeting. The LAARK Club meetings are held on the second Tuesday of each month. Our next meeting will be September 10, 2019 at 7:00pm. Meetings are held at 6804 Main Street The Colony, Texas in the Old Blockbusters Building Next to The Colony City Hall.

There have been many requests from hams that want to learn how to choose the right coax for their installations and how to prepare and install connectors on the coax.

If you would like to learn the correct way to install coax connectors on your coax then come join us for this workshop.

Bring your coax and your connectors and we will step you through the process of installing your coax connectors. There are many different types and sizes of coax and connectors. But during this first workshop we will be focusing on RG8 and RG8X style coax. And the connectors will be the UHF PL-259 style connectors.

If you don't have any crimp style tools or connectors I have included information and data below.

### Tools:

**The Crimp Tool handle:** The crimp tool handle can be purchased either as a tool handle only or a tool handle with dies installed. I would recommend you find a tool handle that has easy twist screws for quick and easy die replacement. These handles can be purchased from Tanners Electronics Surplus in Farmers Branch, Texas, AITex Electronics in Carrollton, or Amazon, eBay and DX Engineering. The handles cost anywhere from \$20 and up. The Dies will cost from \$23 and up. It all depends on where you shop.

**Die Sets:** You want to find the dies that will work with the coax and connectors you plan to use. There are many sets of dies so you need to the ones that fit your needs.

Dies, like the tool handle can be purchased from many different sources.



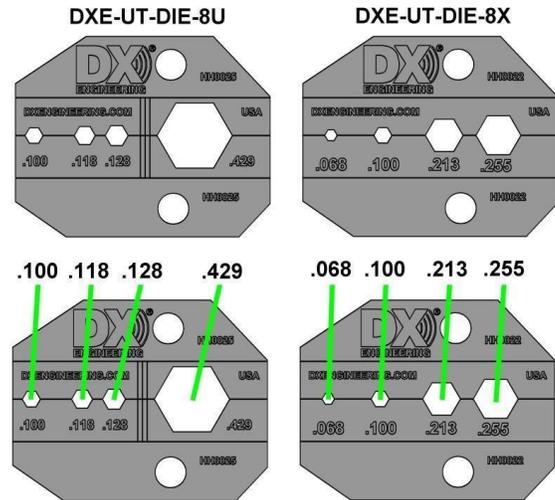


# Lake Area Amateur Radio Klub & AC5EZ



Here are the two dies most often used for PL-259 connectors. Look at the sizes of the crimp openings. The dies you chose must match these numbers.

Will be soldering the center conductor and crimping the braid. So the two numbers to look for are .429mm for PL-259 connectors on RG/8U size coax and .255mm for PL-259 connectors on RG/8X size coax.



**Crimp type connectors:** You want to use a good quality connector. The better connectors with have a silver pin plating, silver plated body and a Teflon Dielectric. I purchase all my coax connectors from RF Connectors & Gadgets at [www.W5SWL.com](http://www.W5SWL.com) Dave's prices are reasonable and he carries the best grade of connectors.



If you prefer the old style PL-259 connector's that's ok. Bring them to the meeting and we will show you how to install and solder these as well.



We will provide the solder and soldering iron to use so just bring your cable and PL-259 coax connectors.