

## Model: XV-STL302



Preparing the end of a coax feed line for connector installation with ordinary hand tools requires a fair amount of skill and care. Various layers of insulation and outer braid must be cleanly cut away at appropriate locations to the connector being installed. For the first several decades of the history of BNC connector installation, the technician used a sharp knife, a deft touch and some degree of skill and practice for "eye-balling" the right dimensions. Like all hand-operations, the risk for having to start over was moderately high due to lack of diligence .

A number of clever tools manufacturers now offer devices fitted with multiple blades, each one spaced appropriately for strip lengths and set for proper depth of cut. Such tool is illustrated here: I purchased this off Ebay for about \$10.

This is an extra-ordinarily versatile tool. Many offerings are fitted with fixed blades. If one or more blades is not producing the proper depth of cut, there's nothing you can do about it. The tool is closely matched to the style of coax. This tool has adjusting screws and comes with a matching hex-wrench for adjusting depth of cut for each blade.



Here we see one of the blades. This has the deepest cut and has a notch in it to clear the coax cable's center conductor.

The tool is correctly positioned for use when the end of the coax is just flush with the outside surface of the tool.



After the tool is positioned, one simply rotates it around the coax several times. Use a pair of flush cutters or «dikes» to cut off the end of coax segments. Body Connector goes on next.



The end result provides three cuts into the coax at various positions and depths.

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Use a pair of flush cutters or "dikes" to pull cut segments of coax off the end. This leaves you with a coax fully prepared to accept the connector.



Connector body goes on next. Push the coax in firmly until the center pin "clicks" into place. The tip of the pin should be just flush with the end of the connector.



Slide the sleeve down until it's firmly seated against the back of the connector and crimp the sleeve with the appropriate die of the coax connector installation tool.