How to Terminate a Compression Connector

In this lesson, we will teach you how to install a Compression F Connector. Other Compression Connectors are described below and other configurations vary slightly between manufacturers, but for the most part are very much the same in termination technique.

### Necessary Materials

<table>
<thead>
<tr>
<th>Connector Types</th>
<th>Coaxial Cable Size</th>
<th>Tools of the Trade</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-Connector 3/8” nut, 32 thread screw-on connector</td>
<td>RG-59</td>
<td>Coaxial Cable Cutters</td>
</tr>
<tr>
<td>BNC-Connector quick connect / disconnect ¼ turn locking connector</td>
<td>RG-6</td>
<td>Coaxial Cable Strippers</td>
</tr>
<tr>
<td>RCA-Connector push-on connector reliant on a female RCA jack</td>
<td>Note: Make sure your Coaxial Cable matches up to your Compression Connector by cable size. If you do not match the sizes up, you will not have a proper fit.</td>
<td>Compression Connector Tool</td>
</tr>
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</table>

### Steps

1. **CUT CABLE** - Cut your Coaxial Cable to desired length at a 90° angle

2. **STRIP CABLE** - Strip your Coaxial Cable with the proper Coaxial Cable Strip Tool
   - Look for a directional arrow so you can be sure to insert your Coaxial Cable properly
   - The amount of turns will vary depending on the make and kind of cable you are using.

3. **REMOVE LOSE PARTS** - Remove any lose material after stripping the Coaxial Cable

4. **FOLD BACK BRAID** - Carefully fold the braid over the Coaxial Cable jacket.
   - Note: Be sure braid is not touching the center conductor
   - Do not cut off the braid

How to Terminate a Compression Connector

In this lesson, we will teach you how to install a Compression F Connector. Other Compression Connectors are BNC, RCA, Speaker Wire and other configurations that vary slightly, but for the most part are very much the same in termination technique.

Necessary Materials

5. INSERT CONNECTOR - Firmly slide the Compression Connector over the Coaxial Cable.

Ensure dielectric is securely seated into the compression connector

The dielectric should not pass through the hole at the end of the Compression Connector

The center conductor should extend slightly past the end of the Compression Connector

6. Fully insert Compression Connector into the Compression Connector Tool

First: Make sure the center conductor is inserted through the center hole of the tool die

Second: Snap the coaxial cable end in place

Terminate the Compression Connector to the Coaxial Cable by firmly squeezing the handles completely until it releases. When the tool releases, you will know that the Connector has been properly terminated to the Coaxial Cable. Now remove the cable from the tool

Squeeze handles until ratchet releases

The Final Result:
Compression Connector completely compressed