

Installation Instructions

For CT-RCA59C Compression RG-59 RCA Connector, Using CT-CCT-BFR1 Compression Crimping Tool



Step 1: Cable Preparation

Using a two blade cable stripping tool (CT-WS568 recommended) prepare the RG-59 coaxial cable with the first cut exposing 3/8" of the center conductor and the second cut exposing 1/4" of the cable's foam dielectric (Figure 1).

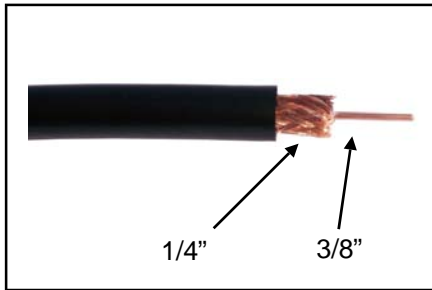


Figure 1

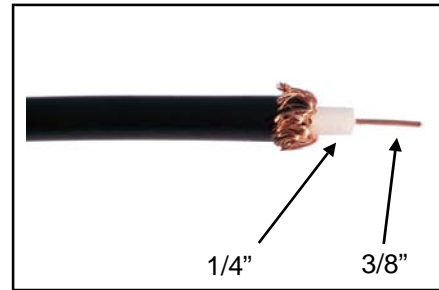


Figure 2

Fold the braiding back over the cables jacket making sure that none of the braiding strands have wrapped around the center conductor (Figure 2). If any of the strands remain in contact with the center conductor a short will be created causing the connection to fail.

Step 2: Connector Body Insertion

Using a pen or marker, make a small reference mark on the jacket of the cable 11/16" back from the dielectric cut of the prepared cable (Figure 3). Insert the center conductor end of the prepared cable into the center channel of the body of the RCA connector making sure that the dielectric is inserted smoothly into the dielectric channel of the connector (Figure 4). Push the connector using a firm twisting motion until the connector is seated snugly on the cable. The back of the connector will meet the 11/16" reference mark on the jacket of the cable when the cable is properly inserted into the connector (Figure 5).

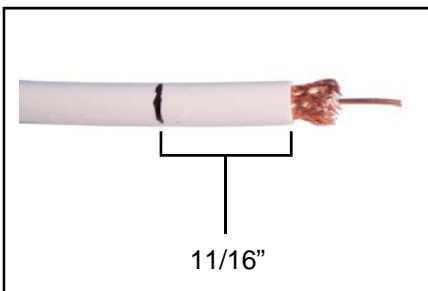


Figure 3

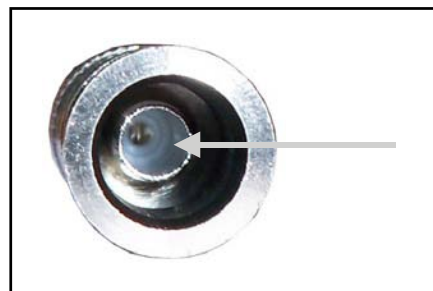


Figure 4

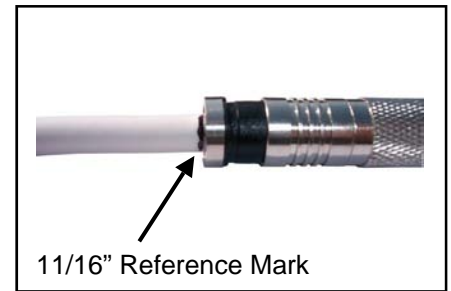


Figure 5

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Step 3: Preparing The CT-CCT-BFR1 Crimping Tool

Set the plunger depth of the crimping tool to the #10 mark by turning the plunger until the outer edge of the plunger is in line with the #10 mark (Figure 6). Lock the plunger in place using the set stop located at the other end of the threaded plunger rod (Figure 7).

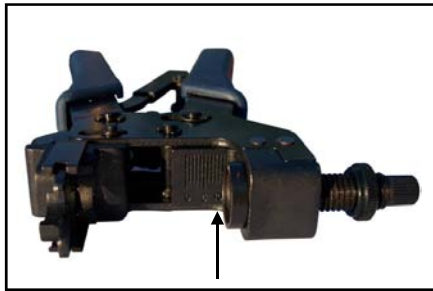


Figure 6



Figure 7

Step 4: Crimping The Connector

Place the end of the assembled RCA connector cable assembly onto the inside edge of the plunger (Figure 8). Press the cable into the spring loaded jaws of the crimping tool (Figure 9). Compress the connector slowly being sure the cable remains properly seated in the spring loaded jaws (Figure 10).

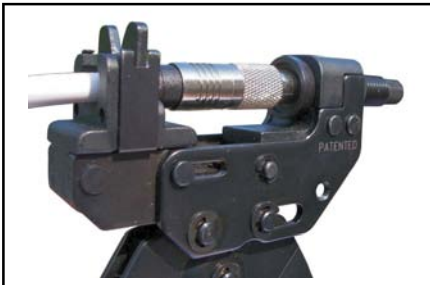


Figure 8



Figure 9

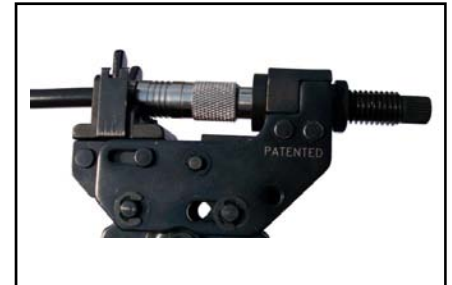


Figure 10

Properly Crimped Connector



Figure 11



Figure 12