

Installation Instructions

For CT-BNC59C Compression RG-59 BNC 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 1/8" of the center conductor and the second cut exposing 1/4" of the cable's foam dielectric (Figure 1).

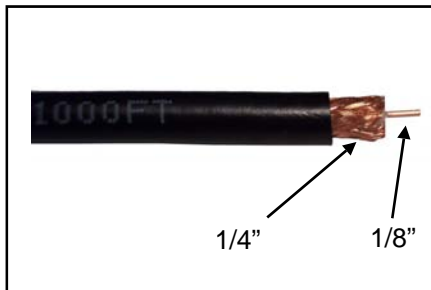


Figure 1

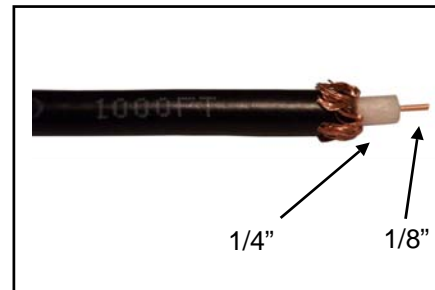


Figure 2

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: Pin Insertion

Push the connectors pin over the cable's center conductor making sure that the base of the pin seats snugly against the top of the foam dielectric (Figure 3).



Figure 3

Step 3: Connector Body Insertion

Insert the pin end of the prepared cable into the center channel of the body of the BNC 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 center pin should be visible in the connection end of the BNC connector and will be slightly recessed from the end of the connector (Figure 5).

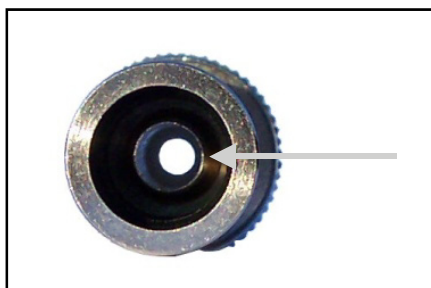


Figure 4



Figure 5

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Step 4: Preparing The CT-CCT-BFR1 Crimping Tool

Set the plunger depth of the crimping tool to the #5 mark by turning the plunger until the outer edge of the plunger is in line with the #5 mark (Figure 6). Lock the plunger in place using the set stop located at the other end of the threaded plunger rod (Figure 7).

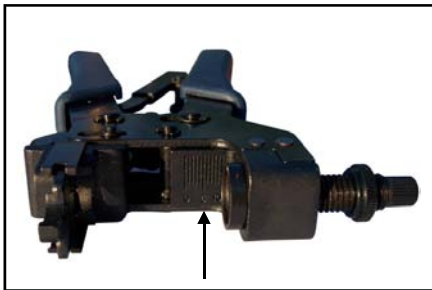


Figure 6



Figure 7

Step 5: Crimping The Connector

Place the end of the assembled BNC 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).

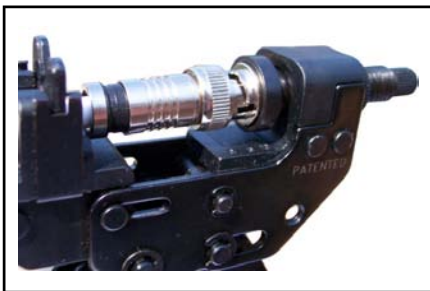


Figure 8



Figure 9

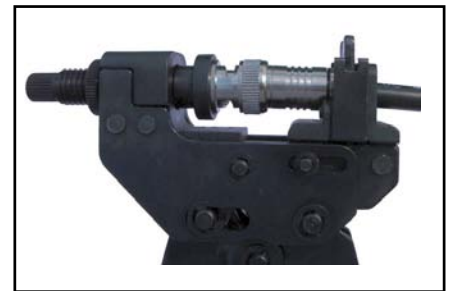


Figure 10

Properly Crimped Connector



Figure 11



Figure 12