

# CM-RG11 & CM-RG11-P Series Installation Instructions for BNC and F Connectors.



## Step 1)

Cut off the cable square and ensure the cable is round. The roundness of the cable can be restored by gently squeezing the cable between thumb and forefinger after cutting. The stripping tool will function properly with a round cable but may require some additional trimming if the cable is not round.

## Step 2)

Strip the cable using the CM-8/11 strip tool to a dimension of ¼" exposed braid and ¼" exposed center conductor. This is a standard "F" connector strip dimension. The tool is utilized to remove the slugs.

## Step 3)

Fold the braid back against the coaxial jacket. Ensure no braid strands are wrapped around the center conductor or are loose. Trim as required to remove any offending strands. Do not remove the foil shield. Ensure the foil shield is cut cleanly as a foil strip can cause a short to center if present.

## Step 4)

Ensure there is no center conductor "hook" present. When round coaxial cable is cut it is quite common to bend the center conductor during the cutting process. This can be trimmed off using a pair of heavy duty cable cutters. There is 1/16th inch tolerance in the center conductor length. It can measure between 3/16th inches and ¼ inches in length.

## Step 5)

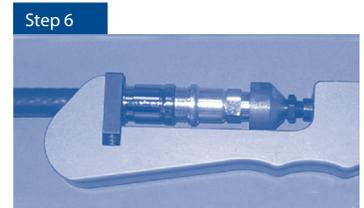
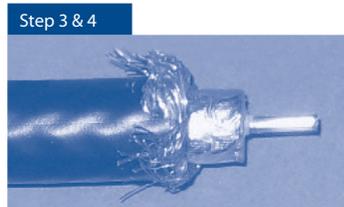
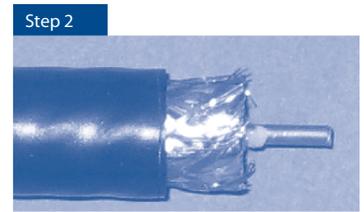
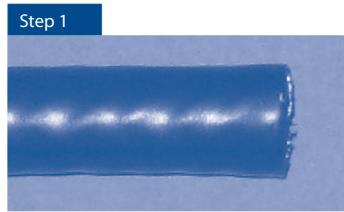
View the rear of the connector and insert the center conductor of the cable into the capture mechanism of the connector. Then firmly push and twist the cable until the pin rises on the connector face. It will bottom out and the cable cannot be over inserted. The braid and jacket will be visible in the sight window. BNC connectors will only show the braid and jacket in the sight window.

## Step 6)

Insert the connector into the CM-TOOL-11 which has been properly adjusted for the connector per its instruction sheet. Ensure the pin is fit into the center hole of the plunger face. It will be damaged if it is not aligned. Firmly compress the connector until the tool completes its cycle. The connector should be closed at the shoulder.

## Step 7)

Open the tool and remove the connector. Inspect the connector and gently pull to ensure adequate capture. The termination is complete. The connector can be coded by utilizing the CM-R-color rings in the slot located on the rear of the connector body.



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