

# QuickLinx CM-RGB25S & CM-RGB23 RCA and BNC Installation Instructions



## 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-23/25 strip tool to a dimension of 1/4" exposed braid and 1/4" exposed center conductor. This is a standard "F" connector strip dimension. Do not use the tool to pull off the slugs, open the tool and remove it from the cable and use fingers 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 diagonal cutters. There is 1/16th inch tolerance in the center conductor length. It can measure between 3/16th inches and 1/4 inches in length.

## Step 5.

Insert the prepared cable into the back of the connector and gently insert it fully into the connector. The braid should be visible in the sight window of the connector. DO NOT push hard or the dielectric will mushroom and cause a center to shield short.

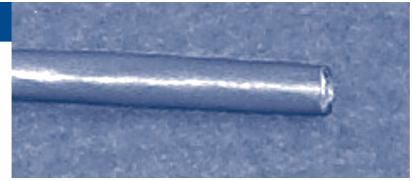
## Step 6.

Insert the connector into the tool with the appropriate die side selected (RCA/BNC). Keep gentle pressure on the cable when the connector is in the tool and fully compress the tool. The connector will exhibit a two stage crimp action during compression.

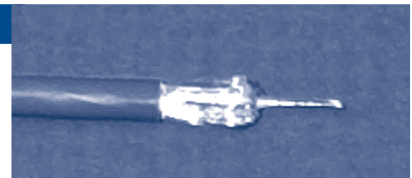
## Step 7.

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

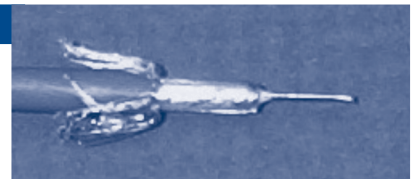
## Step 1



## Step 2



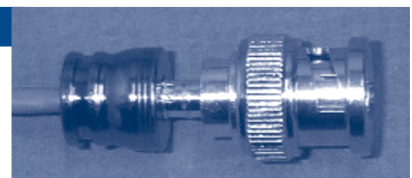
## Step 3



## Step 4



## Step 5



## Step 6



## Step 7

