

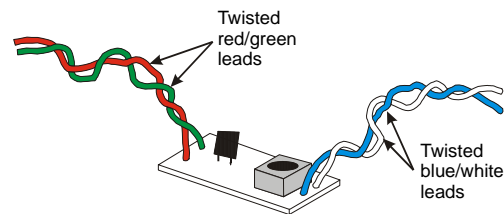
How to Contact Us

- To find out more about Carrier Apparatus products, visit us on the web at: <http://cw.commscope.com/>
- For technical assistance regarding Carrier Apparatus products: contact your local CommScope account representative or Commscope technical support at 1-800-344-0223.
- Report any missing or damaged parts to CommScope customer service in Omaha, Nebraska, at 1-866-539-2795.

1. Identify 1611A Leads

The leads of the 1611A can be identified as follows:

Lead Color	Lead Identification
Blue	Network ring
White	Network tip
Red	Customer ring
Green	Customer tip



Note: Ensure that there are three twists on blue/white and red/green lead combinations.

2. Check for Dial Tone

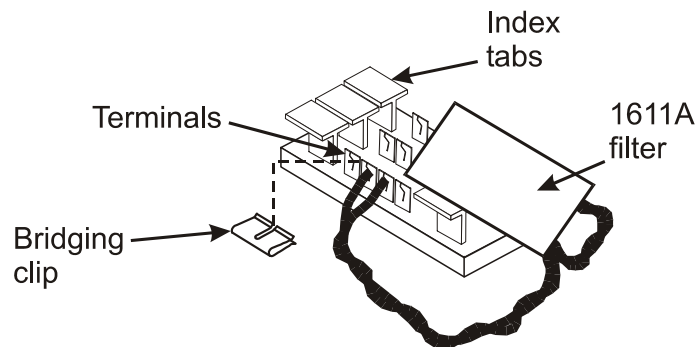
1. Locate service wires.
2. Connect a craft telephone test set to the tip and ring of the service wires.
3. Place the test set in the **MON** position.
4. If no data or voice is heard, attempt to draw dial tone.
5. If dial tone can be obtained, proceed with the RFI filter installation.

3. Install RFI Filter on 66-Type Block

The 1611A RFI filter can be installed on the 66-type connecting block. It is connected between the network and customer side of the 66-type block.

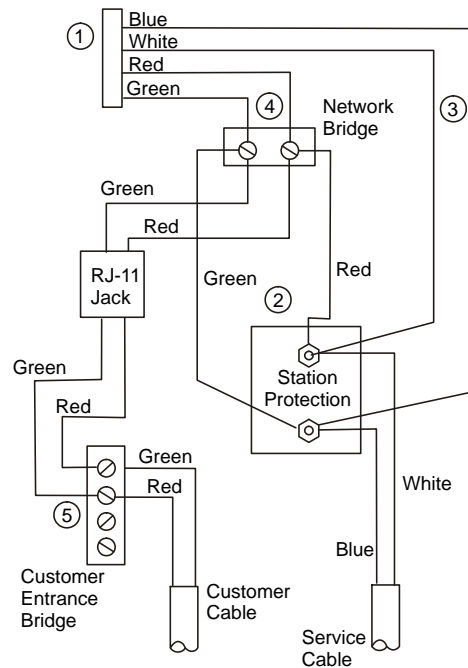
Note: The RFI filter should only be installed on the protected side of a listed primary telephone protector.

1. Remove bridging clips from the tip and ring terminals of the 66-type block.
2. Ensure that there are three twists in the blue/white and red/green lead combinations.
3. Connect the **blue** lead of the RFI filter to the network **ring** terminal.
4. Connect the **white** lead of the RFI filter to the network **tip** terminal.
5. Connect the **red** lead of the RFI filter to the customer **ring** terminal.
6. Connect the **green** lead of the RFI filter to the customer **tip** terminal.
7. Verify dial tone by connecting craft telephone test set to **red** (ring) and **green** (tip) terminals.
8. Dress the four leads toward the back of the 66-type block.
9. Mount the RFI filter in a position that protects it from casual contact.



4. Install RFI Filter in Network Interface

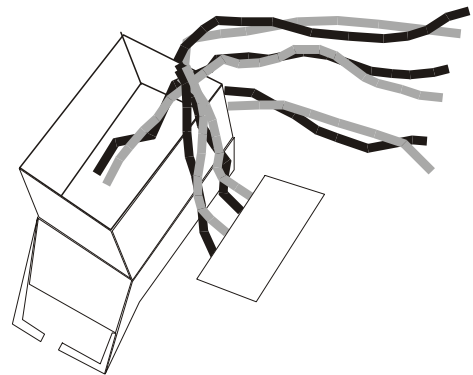
1. Place the 1611A filter in the half ringer slot of the network interface.
2. Remove and discard the red and green leads from the station protector to the network bridge.
3. Connect the blue and white leads of the 1611A filter to the station protector (observe polarity).
4. Connect the red and green leads of the 1611A to the network bridge (observe polarity).
5. Verify dial tone from the customer entrance bridge.



5. Install RFI Filter in Line Module

Normally, the 1611A filter will have been installed inside the line module. If the 1611A was not installed, perform the following procedure.

1. Locate service wires.
2. Connect a craft telephone test set to the tip and ring of the service wires.
3. Place the test set in the **MON** position.
4. If no data or voice is heard, attempt to draw dial tone.
5. When dial tone is obtained, remove the line module (with leads attached).
6. Remove the bottom cover of the line module.
7. Install the 1611A into the line module and dress all leads out the slots in the housing.
8. Ensure that there are three twists in the blue/white and red/green lead combinations.
9. Disconnect the original red and green leads from the station protector and connect the blue and white leads from the 1611A to the protector.
10. Using 710 connectors or equivalent, splice the red and green line module leads to the red and green leads of the 1611A (observe polarity).
11. Verify dial tone from the customer wiring.



Ordering Information

Product Name	Description	Material ID
1611A	RFI Filter	104 430 145