7.1 Cable Identification Labels
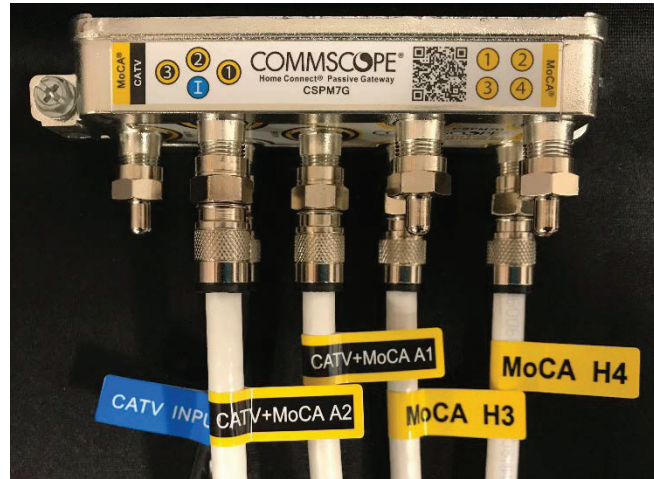

7.1.1 To attached identification labels, remove the corresponding rectangular identification label from the sheet and then wrap it around the cable sticking the two sides of the label together.

7.2 Wall Outlet Identification Labels

7.2.1 To attach wall outlet identification labels, remove the corresponding circle wall outlet identification label from the sheet and attach it to the wall outlet.

8 Contact Information

Scan the QR code to access the most comprehensive information on the Home Connect® Passive Gateway.

Visit our website or contact your local CommScope representative for additional information.

For technical assistance, contact the Technical Assistance center at: https://www.commscope.com/SupportCenter/TechnicalSupport.aspx

This product may be covered by one or more U.S. patents or their foreign equivalents.

For patents, see www.cs-pat.com

COMMSCOPE®

HOME CONNECT® PASSIVE GATEWAY

The Home Connect® Passive Gateway is one convenient device with two distinct capabilities. It separates the Access RF network from the Home MoCA® network while allowing communication between the two for a seamless customer experience.

Content

1 Mounting

The passive gateway offers two directional mounting options. It can be installed flush against the wall with the ports facing out or in an all ports down configuration.

The passive gateway can also be mounted in a demarcation box using the same mounting options.

In both configurations, a label will be clearly visible to assist in identifying the appropriate ports.

1.1 All Ports Down Mounting

1.1.1 To mount the device in the all ports down configuration press the bottom side flush with the surface before attaching the device using the included screws and these two holes in the dual mounting tabs.

1.2 Ports Facing Out Mounting

1.2.1 To mount the device with the ports facing out lay the backside of the device flush with the surface before attaching the device using the included screws and these two holes in the dual mounting tabs.
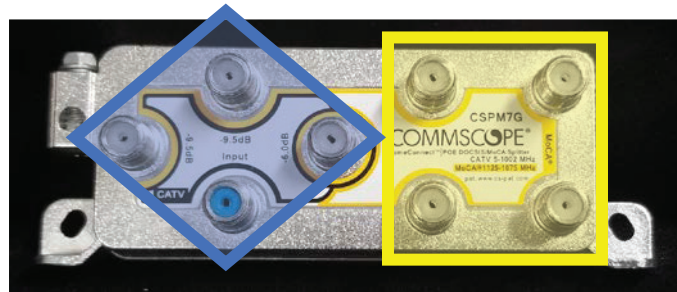
This document demonstrates the installation process with the ports facing out, but the instructions are the same for both orientations.

2 Bonding Block

The passive gateway has a bonding block located on the side of the device. If required by local practice, connect a ground wire to the bonding block.

3 Port Layouts

The device has two groups of four ports. One group in a diamond shape and then the other is in a square shape.

The ports in the diamond shape support both MoCA and RF signals, and the four ports in the square shape outlined in yellow support MoCA only.

The MoCA only ports will not transmit RF Signals.

4 RF Device Connections

4.1 Input Signal Port

4.1.1   The RF input port is in the diamond shaped group of ports, and colored blue.

4.1.2   To activate the passive gateway, connect the input signal from the ground block and/or external drop to the RF input port.

4.2 Primary RF Device

4.2.1   Once the input is connected, connect the primary RF device to Access port 1. This port provides the lowest insertion loss, -6dB. An example of a primary RF device would be an XB gateway.

4.3 Secondary RF Devices

4.3.1   After the primary RF device is attached connect any secondary RF devices to Access ports 2 & 3. These ports can be utilized in any order.

4.3.2   If additional ports are required for RF devices, these outputs can be connected to splitters if adequate RF signal is available.

5 MoCA Device Connections

5.1 Devices

5.1.1   Now that the RF devices have been connected, The MoCA enabled devices, like X1 Terminals, may be connected to the other set of four ports.

A reminder, these ports do not provide RF signal. They are used to connect MoCA devices only.

5.1.2   The MoCA ports can be utilized in any order, however for ease of installation, particularly in the APD or all ports down configuration, it is recommended to connect MoCA devices to ports 3 and 4 first.
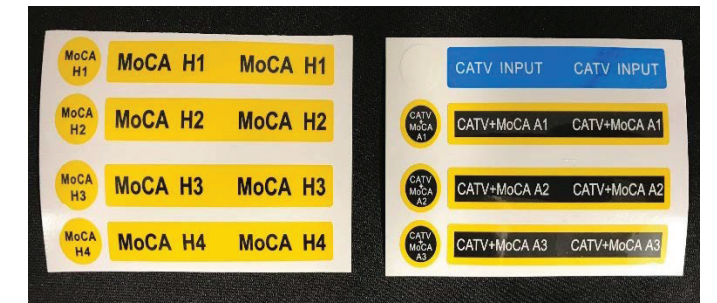
6 Port Termination

6.1 Termination

6.1.1   Once all devices have been connected, terminate all unused ports with 75-ohm RF port terminators, CommScope part # SVF59TG.

6.2 Torqueing

6.2.1   All connections must be torqued to a minimum 20 in-lbs. or according your local system specifications. Use a torque wrench to ensure required torque levels.

7 Identification Labels

The Passive Gateway packaging includes two sheets of identification labels for both the cables and wall outlets.