HomeConnect® Passive Gateway, 7 port CATV (5-1002 MHz) with MoCA, POE Filter

- Engineered to deliver maximum RF performance within the operating frequency band
- The raised body allows moisture to drain behind the unit and uses a priority plating for use in harsh environments
- Includes zinc die cast body with a soldered back plate for superior RF shielding
- The machined “F” ports -with an innovative four-sided contact- provide excellent retention and electrical performance

**Product Classification**

**Product Type**
- Passive gateway

**Product Brand**
- HomeConnect®

**General Specifications**

**Device Type**
- Passive gateway

**Application**
- Indoor  |  Outdoor

**Mounting**
- Horizontal or All Port Down

**Output Port**
- 1 High Output Access (CATV + MoCA)  |  1 Low Output Access (CATV + MoCA)  |  4 Home (MoCA)

**Electrical Specifications**

**Insertion Loss at Frequency Band, input to any Home output port**
- ≥ 40dB @ 5–1675 MHz

**Insertion Loss at Frequency Band, input to high output Access port**
- ≤ 4.0 dB @ 5–400 MHz  |  ≤ 5.0 dB @ 400–600 MHz  |  ≤ 6.0 dB @ 600–1002 MHz  |  ≥ 40 dB @ 1125–1675 MHz

**Insertion Loss at Frequency Band, input to low output Access port**
- ≤ 7.7 dB @ 5–400 MHz  |  ≤ 8.5 dB @ 400–600 MHz  |  ≤ 9.5 dB @ 600–1002 MHz  |  ≥ 40 dB @ 1125–1675 MHz

**Return Loss at Frequency Band, Access output port**
- ≥ 18 dB @ 5–1002 MHz  |  ≥ 5 dB @ 1125–1675 MHz

**Return Loss at Frequency Band, Home output port**
- ≥ 18 dB @ 1125–1675 MHz

**Return Loss at Frequency Band, input, minimum**
- 18 dB @ 5-1002 MHz

**Frequency Response**
- ±0.4 dB @ 5–1002 MHz

**Impedance**
- 75 ohm

**Operating Frequency Band**
- 5 – 1675 MHz
### CSPM7G

**Operating Frequency Band Access Port**
- CATV 5–1002 MHz  |  MoCA 1125–1675 MHz

**Operating Frequency Band Home Port**
- MoCA 1125–1675 MHz

**Power Passing**
- No

**Shielding Effectiveness, minimum**
- 100 dB

**Spurious Signals/2nd Order Harmonics**
- < -80 dBc

**Surge Capability Test Method**
- IEEE C62.41-1991-B3 (500 V to 6 kV, 3000 A Combination wave) on Input Port  |  IEEE C62.41-1991-B3 (500 V to 6 kV, 500 A Ring wave) on all Output Ports

### Electrical Specifications, Isolation

**Isolation at Frequency Band, access to access output**
- ≤30 dB @ 1125–1675 MHz  |  ≥25 dB @ 5–10 MHz  |  ≥25 dB @ 86–1002 MHz  |  ≥35 dB @ 11–85 MHz

**Isolation at Frequency Band, access to home output, minimum**
- 28 dB @ 1125–1675 MHz

**Isolation at Frequency Band, home to home output, minimum**
- 16 dB @ 1125–1675 MHz

### Environmental Specifications

**Operating Temperature**
- -40 °C to +60 °C (-40 °F to +140 °F)

**Grounding and Bonding Standard**
- UL 467 Ground Clamp Communication

### Packaging and Weights

**Height, packed**
- 220 mm  |  8.661 in

**Width, packed**
- 235 mm  |  9.252 in

**Length, packed**
- 340 mm  |  13.386 in

**Carton Quantity**
- 50

**Weight, gross**
- 17.69 kg  |  39 lb

### Regulatory Compliance/Certifications

**Agency**
- CHINA-ROHS
- ISO 9001:2015
- REACH-SVHC
- ROHS

**Classification**
- Below maximum concentration value
- Designed, manufactured and/or distributed under this quality management system
- Compliant as per SVHC revision on www.commscope.com/ProductCompliance
- Compliant