



HomeConnect® Passive Gateway, 7 port CATV with MoCA

- 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

| | |
|---------------------|----------------|
| Brand | HomeConnect® |
| Product Type | Passive device |

Environmental Specifications

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

Electrical Specifications

| | |
|---|---|
| Power Passing | No |
| Impedance | 75 ohm |
| 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 |
| Operating Frequency Band | 5 – 1675 MHz |
| Operating Frequency Band Access Port | CATV 5–1002 MHz MoCA 1125–1675 MHz |
| Operating Frequency Band Home Port | MoCA 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 |
| Spurious Signals/2nd Order Harmonics | < -80 dBc |
| Frequency Response | ±0.4 dB @ 5–1002 MHz |
| Shielding Effectiveness, minimum | 100 dB |
| 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 |

General Specifications

| | |
|--------------------|-----------------------------|
| Device Type | Passive gateway |
| Mounting | Horizontal or All Port Down |
| Application | Indoor Outdoor |

CSPM7G

Output Port

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

Packed Dimensions

Carton Quantity

100

Height

220.00 mm | 8.66 in

Length

510.00 mm | 20.08 in

Width

280.00 mm | 11.02 in

Shipping Weight

18.00 kg | 39.68 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

