HomeConnect® Passive Gateway, 7 port CATV (5-1218 MHz) with MoCA, No 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 @ 5–1002 MHz
- Insertion Loss at Frequency Band, input to high output Access port: ≤ 4.0 dB @ 5–400 MHz | ≤ 0.5 dB @ 400–600 MHz | ≤ 5.5 dB @ 600–1218 MHz
- Insertion Loss at Frequency Band, input to low output Access port: ≤ 7.7 dB @ 5–400 MHz | ≤ 8.5 dB @ 400–600 MHz | ≤ 9.0 dB @ 600–1218 MHz
- Return Loss at Frequency Band, Access output port: ≥ 18 dB @ 5–1218 MHz | ≥ 5 dB @ 1275–1675 MHz
- Return Loss at Frequency Band, Home output port: ≥ 5 dB @ 1275–1675 MHz
- Return Loss at Frequency Band, input, minimum: 18 dB @ 5–1218 MHz
- Frequency Response: ±0.4 dB @ 5–1218 MHz
- Impedance: 75 ohm
- Operating Frequency Band: 5 – 1675 MHz
- Operating Frequency Band Access Port: CATV 5–1218 MHz | MoCA 1275–1675 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 @ 1275–1675 MHz | ≥25 dB @ 5–10 MHz | ≥25 dB @ 86–1218 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

Classification

ISO 9001:2015

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