

## HomeConnect® Passive Gateway, 11 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

<b>Product Type</b>	Passive gateway
<b>Product Brand</b>	HomeConnect®

### General Specifications

<b>Device Type</b>	Passive gateway
<b>Application</b>	Indoor   Outdoor
<b>Mounting</b>	Horizontal or All Port Down
<b>Output Port</b>	1 High Output Access (CATV + MoCA)   1 Low Output Access (CATV + MoCA)   8 Home (MoCA)

### Electrical Specifications

<b>Insertion Loss at Frequency Band, input to any Home output port</b>	= 40dB @ 5–1002 MHz
<b>Insertion Loss at Frequency Band, input to high output Access port</b>	= 4.0 dB @ 5–400 MHz   = 5.0 dB @ 400–600 MHz   = 5.5 dB @ 600–1218 MHz
<b>Insertion Loss at Frequency Band, input to low output Access port</b>	= 7.7 dB @ 5–400 MHz   = 8.5 dB @ 400–600 MHz   = 9.0 dB @ 600–1218 MHz
<b>Return Loss at Frequency Band, Access output port</b>	= 18 dB @ 5–1218 MHz   = 5 dB @ 1275–1675 MHz
<b>Return Loss at Frequency Band, Home output port</b>	= 5 dB @ 1275–1675 MHz
<b>Return Loss at Frequency Band, input, minimum</b>	18 dB @ 5–1218 MHz
<b>Frequency Response</b>	±0.4 dB @ 5–1218 MHz
<b>Impedance</b>	75 ohm
<b>Operating Frequency Band</b>	5 – 1675 MHz
<b>Operating Frequency Band Access Port</b>	CATV 5–1218 MHz   MoCA 1275–1675

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<b>Operating Frequency Band Home Port</b>	MHz MoCA 1125–1675 MHz
<b>Power Passing</b>	No
<b>Shielding Effectiveness, minimum</b>	100 dB
<b>Spurious Signals/2nd Order Harmonics</b>	< -80 dBc
<b>Surge Capability Test Method</b>	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

<b>Isolation at Frequency Band, access to access output</b>	=30 dB @ 1275–1675 MHz   =25 dB @ 5–10 MHz   =25 dB @ 86–1218 MHz   =35 dB @ 11–85 MHz
<b>Isolation at Frequency Band, access to home output, minimum</b>	=31 dB @ 1125–1675 MHz
<b>Isolation at Frequency Band, home to home output, minimum</b>	=22 dB @ 1125–1675 MHz

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Grounding and Bonding Standard</b>	UL 467 Ground Clamp Communication

## Packaging and Weights

<b>Height, packed</b>	220 mm   8.661 in
<b>Width, packed</b>	275 mm   10.827 in
<b>Length, packed</b>	380 mm   14.961 in
<b>Carton Quantity</b>	50
<b>Weight, gross</b>	20.41 kg   44.996 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

