HomeConnect® Passive Gateway, 11 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) | 8 Home (MoCA)

Electrical Specifications

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

Insertion Loss at Frequency Band, input to low output Access port:
≥ 18 dB @ 5–1002 MHz | ≥ 5 dB @ 1125–1675 MHz

Return Loss at Frequency Band, Access output port:
≥ 18 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
**CSPM11G**

**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**

<table>
<thead>
<tr>
<th>Frequency Band</th>
<th>Access to Access Output</th>
<th>Access to Home Output, Minimum</th>
<th>Home to Home Output, Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>5–1002 MHz</td>
<td>≤30 dB</td>
<td></td>
<td>≤25 dB</td>
</tr>
<tr>
<td>1125–1675 MHz</td>
<td>≥25 dB @ 5–10 MHz</td>
<td>≥25 dB @ 86–1002 MHz</td>
<td>≥35 dB @ 11–85 MHz</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Metric</th>
<th>Imperial</th>
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</thead>
<tbody>
<tr>
<td>Height, packed</td>
<td>220 mm</td>
<td>8.661 in</td>
</tr>
<tr>
<td>Width, packed</td>
<td>275 mm</td>
<td>10.827 in</td>
</tr>
<tr>
<td>Length, packed</td>
<td>380 mm</td>
<td>14.961 in</td>
</tr>
<tr>
<td>Carton Quantity</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Weight, gross</td>
<td>20.41 kg</td>
<td>44.996 lb</td>
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</tbody>
</table>

**Regulatory Compliance/Certifications**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
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<tbody>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
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</tbody>
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