HomeConnect® Three-way Balanced Splitter, 5–1218 MHz, Dual Mount

Product Classification

Product Type: Coaxial splitter
Product Brand: HomeConnect®

General Specifications

Device Type: Splitter
Application: Indoor | Outdoor
Mounting: Horizontal | Vertical
Video Ports, quantity: 3

Electrical Specifications

Insertion Loss at Frequency Band, typical: 6.0 dB @ 5–400 MHz | 6.8 dB @ 400–1218 MHz
Return Loss at Frequency Band, input, minimum: 18 dB @ 1002–1218 MHz | 20 dB @ 5–1002 MHz
Return Loss at Frequency Band, output, minimum: 18 dB @ 1002–1218 MHz | 20 dB @ 5–1002 MHz
Frequency Response: ±0.5 dB @ 5–1218 MHz
Impedance: 75 ohm
Operating Frequency Band: 5 – 1218 MHz
Power Passing: No
Shielding Effectiveness, minimum: 120 dB
Spurious Signals/2nd Order Harmonics, before surge: <100 dBc
Surge Capability Test Method: ANSI/SCTE 81 | Category A3 (6 kV, 200 A, Ring wave)
Surge Capability Waveform: 100 kHz ring wave waveform

Electrical Specifications, Isolation

Isolation at Frequency Band, output to output, minimum: 20 dB @ 1002–1218 MHz | 22 dB @ 5–10 MHz | 22 dB @ 870–1002 MHz | 26 dB @ 65–870 MHz | 30 dB @
CSV3BGD-1.2

10–65 MHz

Environmental Specifications

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

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

**Safety Standard**
SCTE

Packaging and Weights

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height, packed</td>
<td>215 mm</td>
</tr>
<tr>
<td>Width, packed</td>
<td>370 mm</td>
</tr>
<tr>
<td>Length, packed</td>
<td>495 mm</td>
</tr>
<tr>
<td>Carton Quantity</td>
<td>200</td>
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<tr>
<td>Weight, gross</td>
<td>21.77 kg</td>
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</tbody>
</table>

Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tbody>
<tr>
<td>CE</td>
<td>Compliant with the relevant CE product directives</td>
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<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
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