HomeConnect® Power Inserter for Subscriber Amplifiers with High Isolation

Product Classification

Product Type: Power inserter  
Product Brand: HomeConnect®

General Specifications

Device Type: Power inserter  
Application: Directs power to the amplifiers by combining the power and RF paths directly

Electrical Specifications

Insertion Loss at Frequency Band, maximum: 0.5 dB @ 5–1002 MHz | 0.8 dB @ 1002–1218 MHz | 1 dB @ 1275–1800 MHz

Return Loss at Frequency Band, input, minimum: 15 dB @ 1275–1800 MHz | 20 dB 5–1218 MHz

Return Loss at Frequency Band, output, minimum: 15 dB @ 1275–1800 MHz | 20 dB 5–1218 MHz

Operating Frequency Band: 5 – 1800 MHz

Voltage Range: 8–25 Vdc

Electrical Specifications, Isolation

Isolation at Frequency Band, power port to input, minimum: 65 dB @ 1275-1800 MHz | 70 dB @ 800-1218 MHz | 75 dB @ 5-800 MHz

Isolation at Frequency Band, power port to TV, minimum: 65 dB @ 1275-1800 MHz | 70 dB @ 800-1218 MHz | 75 dB @ 5-800 MHz

Packaging and Weights

Height, packed: 219.964 mm | 8.66 in
Width, packed: 219.964 mm | 8.66 in
Length, packed: 549.91 mm | 21.65 in
CSHMPIE

**Carton Quantity**: 400

**Weight, gross**: 17.799 kg | 39.24 lb

**Regulatory Compliance/Certifications**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
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<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
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<tr>
<td>ROHS</td>
<td>Compliant</td>
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