**HomeConnect® Inline Cable Simulator, 6 dB**

### Product Classification

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Simulator</th>
</tr>
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<tbody>
<tr>
<td>Product Brand</td>
<td>HomeConnect®</td>
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</table>

### General Specifications

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Cable simulator</th>
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<tbody>
<tr>
<td>Application</td>
<td>Simulates a cable's loss signature</td>
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</table>

### Dimensions

- **Contact Pin Diameter**: 0.813 mm | 0.032 in
- **Contact Pin Diameter Tolerance**: ±0.002 in

### Electrical Specifications

- **Insertion Loss at Frequency Band, maximum**: 0.25 dB @ 5 MHz
- **Return Loss, input, minimum**: 22 dB
- **Return Loss, output, minimum**: 22 dB
- **ac Resistance**: Minimal
- **Operating Frequency Band**: 0 – 1002 MHz
- **Tilt Across Frequency Band**: -6 dB

### Material Specifications

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Brass</th>
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<tbody>
<tr>
<td>Plating</td>
<td>Nickel</td>
</tr>
</tbody>
</table>
Operating Temperature
-40 °C to +60 °C (-40 °F to +140 °F)

Safety Standard
CE | EN 60728-4 | SCTE

Packaging and Weights

Height, packed 241.3 mm | 9.5 in
Width, packed 241.3 mm | 9.5 in
Length, packed 342.9 mm | 13.5 in
Carton Quantity 800
Weight, gross 9.525 kg | 21 lb

Regulatory Compliance/Certifications

Agency Classification
CHINA-ROHS Below maximum concentration value
ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system
REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS Compliant