**Product Classification**

- **Product Type**: Directional coupler
- **Product Brand**: HomeConnect®

**General Specifications**

- **Device Type**: Coupler
- **Application**: Indoor | Outdoor
- **Mounting**: Wall mount
- **Video Ports, quantity**: 2

**Electrical Specifications**

- **Insertion Loss at Frequency Band, tap**: 12.0 dB ±1.0 dB @ 550–1002 MHz | 12.0 dB ±1.0 dB @ 5–550 MHz
- **Insertion Loss at Frequency Band, typical**: 1.2 dB @ 5–550 MHz | 1.7 dB @ 550–1002 MHz
- **Return Loss at Frequency Band, input, typical**: 20 dB @ 50–1002 MHz | 20 dB @ 5–45 MHz
- **Return Loss at Frequency Band, output, typical**: 20 dB @ 50–1002 MHz | 20 dB @ 5–45 MHz
- **Return Loss at Frequency Band, tap**: 20.0 dB @ 50–1002 MHz | 21.0 dB @ 5–45 MHz
- **Impedance**: 75 ohm
- **Operating Frequency Band**: 5 – 1002 MHz
- **Power Passing**: No
- **Shielding Effectiveness, minimum**: 120 dB
- **Spurious Signals/2nd Order Harmonics, before surge**: <60 dBmV
- **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**
SVDCW12G

Isolation at Frequency Band, tap to output, typical

<table>
<thead>
<tr>
<th>Band</th>
<th>Isolation (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300–1002 MHz</td>
<td>28.0</td>
</tr>
<tr>
<td>50–300 MHz</td>
<td>30.0</td>
</tr>
<tr>
<td>5–15 MHz</td>
<td>30.0</td>
</tr>
<tr>
<td>15–45 MHz</td>
<td>35.0</td>
</tr>
</tbody>
</table>

Material Specifications

Material Type

Zinc

Environmental Specifications

Operating Temperature

-40 °C to +60 °C (-40 °F to +140 °F)

Safety Standard

CE | EN 60728-4 | SCTE

Packaging and Weights

Height, packed

215.9 mm | 8.5 in

Width, packed

368.3 mm | 14.5 in

Length, packed

482.6 mm | 19 in

Carton Quantity

400

Weight, gross

21.32 kg | 47.002 lb

Regulatory Compliance/Certifications

Agency | Classification

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