

# SVDCW9G



HomeConnect® Directional Coupler, 9 dB, wall mount

**OBSOLETE**

## Product Classification

<b>Product Type</b>	Directional coupler
<b>Product Brand</b>	HomeConnect®

## General Specifications

<b>Device Type</b>	Coupler
<b>Application</b>	Indoor   Outdoor
<b>Mounting</b>	Wall mount
<b>Video Ports, quantity</b>	2

## Electrical Specifications

<b>Insertion Loss at Frequency Band, tap</b>	9.0 dB $\pm$ 1.0 dB @ 550–1002 MHz   9.0 dB $\pm$ 1.0 dB @ 5–550 MHz
<b>Insertion Loss at Frequency Band, typical</b>	1.8 dB @ 5–550 MHz   2.1 dB @ 550–1002 MHz
<b>Return Loss at Frequency Band, input, typical</b>	20 dB @ 50–1002 MHz   20 dB @ 5–45 MHz
<b>Return Loss at Frequency Band, output, typical</b>	20 dB @ 50–1002 MHz   20 dB @ 5–45 MHz
<b>Return Loss at Frequency Band, tap</b>	20.0 dB @ 50–1002 MHz   21.0 dB @ 5–45 MHz
<b>Impedance</b>	75 ohm
<b>Operating Frequency Band</b>	5 – 1002 MHz
<b>Power Passing</b>	No
<b>Shielding Effectiveness, minimum</b>	120 dB
<b>Spurious Signals/2nd Order Harmonics, before surge</b>	<-60 dBmV
<b>Surge Capability Test Method</b>	ANSI/SCTE 81   Category A3 (6 kV, 200 A, Ring wave)

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## Surge Capability Waveform

100 kHz ring wave waveform

## Electrical Specifications, Isolation

### Isolation at Frequency Band, tap to output, typical

28.0 dB @ 300–1002 MHz | 28.0 dB @ 50–300 MHz | 30.0 dB @ 5–15 MHz | 35.0 dB @ 15–45 MHz

## 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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

