

**Broadband Solutions**  
**SW6G**  
**Six-way Vertical Splitter, 5–1002 MHz**



## Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Safety Standard	CE   EN 60728-4   SCTE

## Electrical Specifications Isolation

Isolation at Frequency Band, tap to output, typical	33.0 dB @ 5–15 MHz   35.0 dB @ 15–45 MHz   30.0 dB @ 50–300 MHz   28.0 dB @ 300–1002 MHz
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## Electrical Specifications

Power Passing	No
Impedance	75 ohm
Operating Frequency Band	5 – 1002 MHz
Insertion Loss at Frequency Band, typical	9.0 dB @ 5–550 MHz   10.2 dB @ 550–1002 MHz
Frequency Response	±0.3 dB
Return Loss at Frequency Band, input, typical	21 dB @ 5–45 MHz   20 dB @ 50–1002 MHz
Return Loss at Frequency Band, output, typical	21 dB @ 5–45 MHz   21 dB @ 50–1002 MHz
Spurious Signals/2nd Order Harmonics, before surge	<-60 dBmV
Shielding Effectiveness, minimum	120 dB
Surge Capability Test Method	ANSI/SCTE 81   Category A3 (6 kV, 200 A, Ring wave)
Surge Capability Waveform	100 KHz ring wave waveform

## General Specifications

Device Type	Splitter
Mounting	Vertical
Video Ports, quantity	6
Brand	HomeConnect®
Application	Indoor   Outdoor
Warranty	Five years

## Mechanical Specifications

Material Type	Zinc
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## Packed Dimensions

Carton Quantity	150
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SW6G

Height	215.90 mm		8.50 in
Length	482.60 mm		19.00 in
Width	368.30 mm		14.50 in
Shipping Weight	24.04 kg		53.00 lb

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system