

# CS2G-1.8



## HomeConnect® Two-way Splitter, 5–1218/1800 MHz

### Product Classification

<b>Product Type</b>	Coaxial splitter
<b>Product Brand</b>	HomeConnect®

### General Specifications

<b>Device Type</b>	Splitter
<b>Application</b>	Indoor   Outdoor
<b>Mounting</b>	Horizontal
<b>Video Ports, quantity</b>	2

### Electrical Specifications

<b>Insertion Loss at Frequency Band, typical</b>	3.6 dB @ 5–400 MHz   4.5 dB @ 400–1218 MHz   5.0 dB @ 1218–1794 MHz
<b>Return Loss at Frequency Band, input, minimum</b>	16 dB @ 1218–1794 MHz   18 dB @ 1002–1218 MHz   20 dB @ 5–1002 MHz
<b>Return Loss at Frequency Band, output, minimum</b>	16 dB @ 1218–1794 MHz   18 dB @ 1002–1218 MHz   20 dB @ 5–1002 MHz
<b>Frequency Response</b>	±0.5 dB @ 1002–1794 MHz   ±0.5 dB @ 5–1002 MHz
<b>Impedance</b>	75 ohm
<b>Operating Frequency Band</b>	5 – 1794 MHz
<b>Power Passing</b>	No
<b>Shielding Effectiveness, minimum</b>	120 dB
<b>Spurious Signals/2nd Order Harmonics, before surge</b>	<-100 dBc
<b>Surge Capability Test Method</b>	ANSI/SCTE 81   Category A3 (6 kV, 200 A, Ring wave)
<b>Surge Capability Waveform</b>	100 kHz ring wave waveform

### Electrical Specifications, Isolation

<b>Isolation at Frequency Band, output to output, minimum</b>	22 dB @ 1002–1794 MHz   22 dB @ 5–10 MHz   23 dB
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@ 870–1002 MHz | 26 dB @ 65–870 MHz | 30 dB @ 10–65 MHz

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Grounding and Bonding Standard</b>	UL 467 Ground Clamp Communication
<b>Safety Standard</b>	SCTE

## Packaging and Weights

<b>Height, packed</b>	215.9 mm   8.5 in
<b>Width, packed</b>	368.3 mm   14.5 in
<b>Length, packed</b>	482.6 mm   19 in
<b>Carton Quantity</b>	400
<b>Weight, gross</b>	20.87 kg   46.01 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CE	Compliant with the relevant CE product directives
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

