

# CS2G-1.8



CommScope-Proprietary and Confidential. Preliminary specifications are for illustrative purposes only and will be updated prior to publication.

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

### Product Classification

Product Type	Coaxial splitter
Product Brand	HomeConnect®

### General Specifications

Device Type	Splitter
Application	Indoor   Outdoor
Mounting	Horizontal
Video Ports, quantity	2

### Electrical Specifications

Insertion Loss at Frequency Band, typical	3.6 dB @ 5–400 MHz   4.5 dB @ 400–1218 MHz   5.0 dB @ 1218–1794 MHz
Return Loss at Frequency Band, input, minimum	16 dB @ 1218–1794 MHz   18 dB @ 1002–1218 MHz   20 dB @ 5–1002 MHz
Return Loss at Frequency Band, output, minimum	16 dB @ 1218–1794 MHz   18 dB @ 1002–1218 MHz   20 dB @ 5–1002 MHz
Frequency Response	±0.5 dB @ 1002–1794 MHz   ±0.5 dB @ 5–1002 MHz
Impedance	75 ohm
Operating Frequency Band	5 – 1794 MHz
Power Passing	No
Shielding Effectiveness, minimum	120 dB
Spurious Signals/2nd Order Harmonics, before surge	<-100 dBc
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

Isolation at Frequency Band, output to output, minimum	22 dB @ 1002–1794 MHz   22 dB @ 5–10 MHz   23 dB
--	--

# CS2G-1.8

@ 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
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

