

CS2G-1.8



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

OBSOLETE

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

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Electrical Specifications, Isolation

Isolation at Frequency Band, output to output, minimum

22 dB @ 1002–1794 MHz | 22 dB @ 5–10 MHz | 23 dB @ 870–1002 MHz | 26 dB @ 65–870 MHz | 30 dB @ 10–65 MHz

Environmental Specifications

Operating Temperature

-40 °C to +60 °C (-40 °F to +140 °F)

Grounding and Bonding Standard

UL 467 Ground Clamp Communication

Safety Standard

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

20.87 kg | 46.01 lb

Regulatory Compliance/Certifications

Agency

Classification

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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

