

CS4G-1.8



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HomeConnect® Four-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	4

Electrical Specifications

Insertion Loss at Frequency Band, typical	7.2 dB @ 5–400 MHz 8.6 dB @ 400–1218 MHz 9.5 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	20 dB @ 1002-1794 MHz 22 dB @ 5–10 MHz 23 dB @ 870–1002 MHz 26 dB @ 65–870 MHz 30 dB @ 10–65 MHz
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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	203.2 mm 8 in
Width, packed	330.2 mm 13 in
Length, packed	520.7 mm 20.5 in
Carton Quantity	300
Weight, gross	22 kg 48.502 lb

Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

