CS4G-1.8

HomeConnect® Four-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	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

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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

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
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

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