



Broadband Solutions
SV8G
Eight-way Splitter, 5–1002 MHz



Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Safety Standard	CE EN 60728-4 SCTE

Electrical Specifications Isolation

Isolation at Frequency Band, tap to output, typical	32.0 dB @ 5–15 MHz 35.0 dB @ 15–45 MHz 30.0 dB @ 50–300 MHz 28.0 dB @ 300–1002 MHz
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Electrical Specifications

Power Passing	No
Impedance	75 ohm
Operating Frequency Band	5 – 1002 MHz
Insertion Loss at Frequency Band, typical	10.8 dB @ 5–550 MHz 12.0 dB @ 550–1002 MHz
Frequency Response	±0.4 dB
Return Loss at Frequency Band, input, typical	25 dB @ 5–45 MHz 20 dB @ 50–1002 MHz
Return Loss at Frequency Band, output, typical	25 dB @ 5–45 MHz 22 dB @ 50–1002 MHz
Spurious Signals/2nd Order Harmonics, before surge	<-60 dBmV
Shielding Effectiveness, minimum	120 dB
Surge Capability Test Method	ANSI/SCTE 81 Category A3 (6 kV, 200 A, Ring wave)
Surge Capability Waveform	100 KHz ring wave waveform

General Specifications

Device Type	Splitter
Mounting	Horizontal
Video Ports, quantity	8
Brand	HomeConnect®
Application	Indoor Outdoor
Warranty	Five years

Mechanical Specifications

Material Type	Zinc
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Packed Dimensions

Carton Quantity	160
Height	215.90 mm 8.50 in
Length	482.60 mm 19.00 in
Width	368.30 mm 14.50 in
Shipping Weight	24.49 kg 54.00 lb

SV8G

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system