



HomeConnect® Three-way Splitter, 5–1218 MHz

Product Classification

Brand	HomeConnect®
Product Type	Coaxial splitter

Environmental Specifications

Grounding and Bonding Standard	UL 467 Ground Clamp Communication
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Safety Standard	SCTE

Electrical Specifications Isolation

Isolation at Frequency Band, output to output, minimum	25 dB @ 1002–1218 MHz 28 dB @ 205–1002 MHz 30 dB @ 5–10 MHz 35 dB @ 10–205 MHz
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Electrical Specifications

Power Passing	No
Impedance	75 ohm
Operating Frequency Band	5 – 1218 MHz
Return Loss at Frequency Band, input, minimum	18 dB @ 1002–1218 MHz 20 dB @ 5–1002 MHz
Return Loss at Frequency Band, output, minimum	18 dB @ 1002–1218 MHz 20 dB @ 5–1002 MHz
Designation, port 1	3.5 dB
Designation, port 2	7 dB
Insertion Loss at Frequency Band, port 1, typical	3.6 dB @ 5–400 MHz 4.0 dB @ 1002–1218 MHz 4.0 dB @ 400–1002 MHz
Insertion Loss at Frequency Band, port 2, typical	7.1 dB @ 5–400 MHz 8.0 dB @ 1002–1218 MHz 8.0 dB @ 400–1002 MHz
Frequency Response	±0.3 dB
Spurious Signals/2nd Order Harmonics, before surge	<-100 dBc
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
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Mounting	Horizontal
Video Ports, quantity	3
Application	Indoor Outdoor

Packed Dimensions

Carton Quantity	300
Height	203.20 mm 8.00 in
Length	520.70 mm 20.50 in
Width	330.20 mm 13.00 in
Shipping Weight	19.96 kg 44.00 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Designed, manufactured and/or distributed under this quality management system
ISO 9001:2015	
CE	

