# HomeConnect® Three-way Balanced Splitter, 5–1218/1800 MHz, Dual Mount

## Product Classification

**Product Type**: Coaxial splitter  
**Product Brand**: HomeConnect®

## General Specifications

**Device Type**: Splitter  
**Application**: Indoor | Outdoor  
**Mounting**: Horizontal | Vertical  
**Video Ports, quantity**: 3

## Electrical Specifications

### Insertion Loss at Frequency Band, typical

- 6.0 dB @ 5–400 MHz  |  7.2 dB @ 400–1218 MHz  |  8.5 dB @ 1218–1800 MHz

### Return Loss at Frequency Band, input, minimum

- 16 dB @ 1218–1800 MHz  |  18 dB @ 1002–1218 MHz  |  20 dB @ 5–1002 MHz

### Return Loss at Frequency Band, output, minimum

- 16 dB @ 1218–1800 MHz  |  18 dB @ 1002–1218 MHz  |  20 dB @ 5–1002 MHz

### Frequency Response

- ±0.5 dB @ 1002–1800 MHz  |  ±0.5 dB @ 5–1002 MHz

### Impedance

- 75 ohm

### Operating Frequency Band

- 5 – 1800 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 @ 1002-1800 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 mm | 8.465 in
Width, packed: 370 mm | 14.567 in
Length, packed: 495 mm | 19.488 in
Carton Quantity: 200
Weight, gross: 21.77 kg | 47.995 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