

HomeConnect® Three-way Splitter, 5–1002 MHz



Product Classification

Product Type	Coaxial splitter
Product Brand	HomeConnect®

General Specifications

Device Type	Splitter
Application	Indoor Outdoor
Designation, port 1	3.5 dB
Designation, port 2	7 dB
Mounting	Horizontal
Video Ports, quantity	3

Electrical Specifications

Insertion Loss at Frequency Band, port 1, typical	3.5 dB @ 5–550 MHz 4.0 dB @ 550–1002 MHz
Insertion Loss at Frequency Band, port 2, typical	7.0 dB @ 5–550 MHz 8.0 dB @ 550–1002 MHz
Return Loss at Frequency Band, input, typical	22 dB @ 50–1002 MHz 25 dB @ 5–45 MHz
Return Loss at Frequency Band, output, typical	22 dB @ 50–1002 MHz 25 dB @ 5–45 MHz
Frequency Response	±0.3 dB
Impedance	75 ohm
Operating Frequency Band	5 – 1002 MHz
Power Passing	No
Shielding Effectiveness, minimum	120 dB
Spurious Signals/2nd Order Harmonics, before surge	<-60 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, tap to output, typical

30.0 dB @ 300–1002 MHz | 35.0 dB @ 50–300 MHz | 35.0 dB @ 5–15 MHz | 40.0 dB @ 15–45 MHz

Environmental Specifications

Operating Temperature

-40 °C to +60 °C (-40 °F to +140 °F)

Safety Standard

CE | EN 60728-4 | 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

19.96 kg | 44.004 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

