

HomeConnect® Three-way Splitter, 5–1002 MHz



OBSOLETE

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

