



HomeConnect® Three-way MoCA Splitter, 5–1675 MHz

- Engineered to deliver maximum RF performance within the operating frequency band
- The raised body allows moisture to drain behind the unit and uses a priority plating for use in harsh environments
- Includes zinc die cast body with a soldered back plate for superior RF shielding
- The machined “F” ports -with an innovative four-sided contact- provide excellent retention and electrical performance

Product Classification

Product Type	Coaxial splitter
Product Brand	HomeConnect®

General Specifications

Device Type	Splitter
Application	Indoor Outdoor
Mounting	Horizontal
Video Ports, quantity	3

Electrical Specifications

Insertion Loss at Frequency Band, port 1, maximum	3.7 dB @ 5–400 MHz 4.0 dB @ 400–1218 MHz 6.7 dB @ 1218–1675 MHz
Insertion Loss at Frequency Band, port 2, maximum	11.5 dB @ 1218–1675 MHz 7.5 dB @ 400–1218 MHz 7.5 dB @ 5–400 MHz
Return Loss at Frequency Band, input, minimum	15 dB @ 1002–1218 MHz 18 dB @ 5-1002 MHz 5 dB @ 1218–1675 MHz
Return Loss at Frequency Band, output, minimum	15 dB @ 1002–1218 MHz 18 dB @ 5–1002 MHz 5 dB @ 1218-1675 MHz
Frequency Response	±0.4 dB @ 5–1218 MHz ±1.4 dB @ 1218–1675 MHz
Impedance	75 ohm
Operating Frequency Band	5 – 1675 MHz
Power Passing	No
Shielding Effectiveness, minimum	120 dB
Spurious Signals/2nd Order Harmonics, before surge	<-100 dBc
Surge Capability Test Method	IEEE C62.41-1991-B3 (500 V to 6 kV, 500 A Ring wave) on all Output Ports IEEE C62.41.1991-B3 (6 kV, 3000 A,

Combination wave) on input port

Electrical Specifications, Isolation

Isolation at Frequency Band, output to output, maximum

30 dB @ 1275–1675 MHz

Isolation at Frequency Band, output to output, minimum

20 dB @ 1002-1218 MHz | 25 dB @ 85-1002 MHz | 25.0 dB @ 5-10 MHz | 35 dB @ 10-85 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 | UL 467

Packaging and Weights

Height, packed

195 mm | 7.677 in

Width, packed

360 mm | 14.173 in

Length, packed

525 mm | 20.669 in

Carton Quantity

300

Weight, gross

25 kg | 55.115 lb

Regulatory Compliance/Certifications

Agency

Classification

CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

