



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

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, maximum	30 dB @ 1125–1675 MHz
Isolation at Frequency Band, output to output, minimum	20 dB @ 1002–1125 MHz 25 dB @ 85–1002 MHz 25.0 dB @ 5–10 MHz 35 dB @ 10–85 MHz

Electrical Specifications

Power Passing	No
Impedance	75 ohm
Insertion Loss at Frequency Band, port 1, maximum	3.7 dB @ 5–400 MHz 4.7 dB @ 400–1218 MHz 6.7 dB @ 1218–1675 MHz
Insertion Loss at Frequency Band, port 2, maximum	11.5 dB @ 600–1675 MHz 7.5 dB @ 5–400 MHz 8.5 dB @ 400–600 MHz
Operating Frequency Band	5 – 1675 MHz
Return Loss at Frequency Band, input, minimum	15 dB @ 1002–1125 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
Designation, port 1	4.0 dB
Designation, port 2	7.5 dB
Frequency Response	±0.4 dB @ 5–1218 MHz ±1.4 dB @ 1218–1675 MHz
Spurious Signals/2nd Order Harmonics, before surge	<-100 dBc
Shielding Effectiveness, minimum	120 dB
Surge Capability Test Method	IEEE C62.41.1991-B3 (6 kV, 3000 A, Combination wave) on input

port | IEEE C62.41.1991-B3 (6 kV, 500 A, Combination wave) on output port

General Specifications

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

Packed Dimensions

Carton Quantity	300
Height	195.00 mm 7.68 in
Length	525.00 mm 20.67 in
Width	360.00 mm 14.17 in
Shipping Weight	25.00 kg 55.12 lb

Regulatory Compliance/Certifications

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

