



HomeConnect® Four-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 UL 467

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, maximum	11.5 dB @ 1218–1675 MHz 7.5 dB @ 5-400 MHz 8.5 dB @ 400–1218 MHz
Operating Frequency Band	5 – 1675 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
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	4
Application	Indoor Outdoor
Output Port	1 High Output Access (CATV + MoCA) 1 Low Output Access (CATV + MoCA) 4 Home (MoCA)

Packed Dimensions

Carton Quantity	300
Height	203.20 mm 8.00 in
Length	520.70 mm 20.50 in
Width	330.20 mm 13.00 in
Shipping Weight	20.41 kg 45.00 lb

Regulatory Compliance/Certifications

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

