



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

OBSOLETE

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
UK-ROHS	Compliant

