CSM2G

HomeConnect® Two-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	2

Electrical Specifications

Insertion Loss at Frequency Band, maximum	3.7 dB @ 5–400 MHz	4.0 dB @ 400-1218 MHz	6.7 dB @ 1218–1675 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
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

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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	28 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	215 mm | 8.465 in
Width, packed	370 mm | 14.567 in
Length, packed	495 mm | 19.488 in
Carton Quantity	400
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

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