

CSPM7G0



HomeConnect® Passive Gateway, 7 port CATV (5-1218 MHz) with MoCA, No POE Filter

- 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	Passive gateway
Product Brand	HomeConnect®

General Specifications

Device Type	Passive gateway
Application	Indoor Outdoor
Mounting	Horizontal or All Port Down
Output Port	1 High Output Access (CATV + MoCA) 1 Low Output Access (CATV + MoCA) 4 Home (MoCA)

Electrical Specifications

Insertion Loss at Frequency Band, input to any Home output port	= 40dB @ 5-1002 MHz
Insertion Loss at Frequency Band, input to high output Access port	= 4.0 dB @ 5-400 MHz = 5.0 dB @ 400-600 MHz = 5.5 dB @ 600-1218 MHz
Insertion Loss at Frequency Band, input to low output Access port	= 7.7 dB @ 5-400 MHz = 8.5 dB @ 400-600 MHz = 9.0 dB @ 600-1218 MHz
Return Loss at Frequency Band, Access output port	= 18 dB @ 5-1218 MHz = 5 dB @ 1275-1675 MHz
Return Loss at Frequency Band, Home output port	= 5 dB @ 1275-1675 MHz
Return Loss at Frequency Band, input, minimum	18 dB @ 5-1218 MHz
Frequency Response	±0.4 dB @ 5-1218 MHz
Impedance	75 ohm
Operating Frequency Band	5 - 1675 MHz
Operating Frequency Band Access Port	CATV 5-1218 MHz MoCA 1275-1675

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Operating Frequency Band Home Port	MHz MoCA 1125–1675 MHz
Power Passing	No
Shielding Effectiveness, minimum	100 dB
Spurious Signals/2nd Order Harmonics	< -80 dBc
Surge Capability Test Method	IEEE C62.41-1991-B3 (500 V to 6 kV, 3000 A Combination wave) on Input Port IEEE C62.41-1991-B3 (500 V to 6 kV, 500 A Ring wave) on all Output Ports

Electrical Specifications, Isolation

Isolation at Frequency Band, access to access output	=30 dB @ 1275–1675 MHz =25 dB @ 5–10 MHz =25 dB @ 86–1218 MHz =35 dB @ 11–85 MHz
Isolation at Frequency Band, access to home output, minimum	28 dB @ 1125–1675 MHz
Isolation at Frequency Band, home to home output, minimum	16 dB @ 1125–1675 MHz

Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Grounding and Bonding Standard	UL 467 Ground Clamp Communication

Packaging and Weights

Height, packed	220 mm 8.661 in
Width, packed	235 mm 9.252 in
Length, packed	340 mm 13.386 in
Carton Quantity	50
Weight, gross	17.69 kg 39 lb

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

