

CSPM5G0



HomeConnect® Passive Gateway, 5 port CATV (5-1218 MHz) with MoCA, No Point of Entry (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

OBSOLETE

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 IP Port 4 Home (MoCA)

Dimensions

Height	34 mm 1.339 in
Width	91.5 mm 3.602 in
Length	50 mm 1.969 in

Electrical Specifications

Insertion Loss at Frequency Band, input to any Home output port	$\geq 40\text{dB @ } 5\text{--}1002\text{ MHz}$
Insertion Loss at Frequency Band, IP input port	$\leq 1.0\text{ dB @ } 5\text{--}1002\text{ MHz} \quad \quad \leq 1.3\text{ dB @ } 1002\text{--}1218\text{ MHz}$
Return Loss at Frequency Band, Home output port	$\geq 5\text{ dB @ } 1275\text{--}1675\text{ MHz}$
Return Loss at Frequency Band, input, minimum	$18\text{ dB @ } 5\text{--}1218\text{ MHz}$
Return Loss at Frequency Band, IP output port	$\geq 18\text{ dB @ } 5\text{--}1218\text{ MHz} \quad \quad \geq 5\text{ dB @ } 1275\text{--}1675\text{ MHz}$

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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 MHz
Operating Frequency Band Home Port	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 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	270 mm 10.63 in
Length, packed	390 mm 15.354 in
Carton Quantity	100