CSPM7GO

HomeConnect® Passive Gateway, 7 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 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

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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 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
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

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ROHS   Compliant

UK-ROHS   Compliant

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