

CSHMPIE



HomeConnect® Power Inserter for Subscriber Amplifiers with High Isolation, Copper Nickel Plated Zinc Housing

OBSOLETE

Product Classification

Product Type	Power inserter
Product Brand	HomeConnect®

General Specifications

Device Type	Power inserter
Application	Directs power to the amplifiers by combining the power and RF paths directly

Electrical Specifications

Insertion Loss at Frequency Band, maximum	0.5 dB @ 5–1002 MHz 0.8 dB @ 1002–1218 MHz 1 dB @ 1275–1800 MHz
Return Loss at Frequency Band, input, minimum	15 dB @ 1275–1800 MHz 20 dB 5–1218 MHz
Return Loss at Frequency Band, output, minimum	15 dB @ 1275–1800 MHz 20 dB 5-1218 MHz
Operating Current at Voltage	1.5 A @ 25 Vdc
Operating Frequency Band	5 – 1800 MHz
Shielding Effectiveness	105
Surge Capability Test Method	ANSI/SCTE 81 IEEE C62.41-B3 (6 kV, 3000 A, Combination wave) on all ports
Voltage Range	8–25 Vdc

Electrical Specifications, Isolation

Isolation at Frequency Band, power port to input, minimum	65 dB @ 1275-1800 MHz 70 dB @ 800-1218 MHz 75 dB @ 5-800 MHz
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Isolation at Frequency Band, power port to TV, minimum

65 dB @ 1275-1800 MHz | 70 dB @ 800-1218 MHz | 75 dB @ 5-800 MHz

Mechanical Specifications

Transportation Vibration Standard

Category A

Environmental Specifications

Operating Temperature

-40 °C to +65 °C (-40 °F to +149 °F)

Operating Humidity

5%–95%

Operating Altitude

–60 meters to 4,000 meters AMSL

Packaging and Weights

Height, packed

219.964 mm | 8.66 in

Width, packed

219.964 mm | 8.66 in

Length, packed

549.91 mm | 21.65 in

Carton Quantity

400

Weight, gross

17.799 kg | 39.24 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

ROHS

Compliant

UK-ROHS

Compliant

