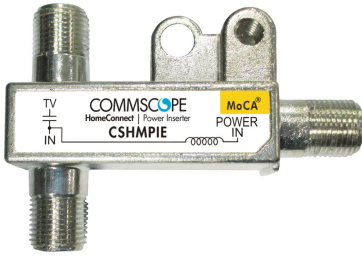


# CSHMPIE



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

## Product Classification

<b>Product Type</b>	Power inserter
<b>Product Brand</b>	HomeConnect®

## General Specifications

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

## Electrical Specifications

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

## Electrical Specifications, Isolation

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

## Mechanical Specifications

# CSHMPIE

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**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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

