



## HomeConnect® Power Inserter for Subscriber Amplifiers with High Isolation

### Product Classification

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

### Electrical Specifications Isolation

|  |  |
|--|--|
| <b>Isolation at Frequency Band, power port to input, minimum</b> | 70 dB @ 5–1002 MHz   60 dB @ 1125–1675 MHz |
| <b>Isolation at Frequency Band, power port to TV, minimum</b>    | 70 dB @ 5–1002 MHz   60 dB @ 1125–1675 MHz |

### Electrical Specifications

|   |  |
|---|--|
| <b>Operating Frequency Band</b>                       | 5 – 1675 MHz                                 |
| <b>Insertion Loss at Frequency Band, maximum</b>      | 0.5 dB @ 5–1002 MHz   2.5 dB @ 1125–1675 MHz |
| <b>Return Loss at Frequency Band, input, minimum</b>  | 20 dB @ 5–1002 MHz                           |
| <b>Return Loss at Frequency Band, output, minimum</b> | 20 dB @ 5–1002 MHz                           |
| <b>Voltage Range</b>                                  | 8–18 Vdc                                     |

### General Specifications

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

### Packed Dimensions

|                        |                      |
|------------------------|----------------------|
| <b>Carton Quantity</b> | 500                  |
| <b>Height</b>          | 228.60 mm   9.00 in  |
| <b>Length</b>          | 533.40 mm   21.00 in |
| <b>Width</b>           | 228.60 mm   9.00 in  |
| <b>Shipping Weight</b> | 16.33 kg   36.00 lb  |

### Regulatory Compliance/Certifications

| Agency | Classification |
|--------|----------------|
|--------|----------------|

RoHS 2011/65/EU  
ISO 9001:2015

Compliant  
Designed, manufactured and/or distributed under this quality management system

