



PU2400  
(front view)

# PU2400

## 4-Port High Capacity Power Inserter with Surge Suppression

The PU2400 provides LNB powering in the frequency range 400-2400 MHz. In addition, the surge suppressors incorporated in the design prevent receiving equipment from voltage surges and ground loop problems.

### Specifications

#### PU2400

<b>BANDWIDTH</b>	400-2400 MHz
<b>VOLTAGE SURGE PROTECTION</b>	6,000V
<b>RESPONSE TIME</b>	1 ps
<b>INSERTION LOSS</b>	400-2000 MHz, 1.5 dB max.
	2000-2400 MHz, 2.0 dB max.
<b>IMPEDANCE</b>	75 Ω
<b>PORT-TO-PORT ISOLATION</b>	> 65 dB
<b>INPUT VOLTAGE</b>	100-240 VAC, 50-60 Hz
<b>OUTPUT VOLTAGE</b>	18 VDC @ 2A Regulated
<b>LNB CURRENT EACH PATH (Inserter)</b>	500mA
<b>INPUT/OUTPUT CONNECTORS</b>	F-Type Female

### Features

- Four input connectors accept modulated satellite RF signals from LNB
- Four output connectors provide satellite RF signals to receivers
- Integrated power inserter supplies 18 VDC to each LNB input connector
- High voltage isolation between output connectors ensure clean RF signals to receivers
- Short circuit protection circuitry prevents damage to power supply in the event the 18 VDC regulated output voltage is accidentally shorted to ground
- Dual ground lug on chassis provides protection from lightning and ground loops for superior RF performance

### Ordering Information

Part Number	Description
PU2400	4-port High Capacity Power Inserter with Surge Suppression

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