

PS SERIES

PREAMPLIFIER POWER SUPPLIES



○ Features & Benefits

- Single Output, 40mA Capacity
- Regulated and Surge Protected
- Auxiliary AC Receptacle

○ Specifications

The PS-1526 and PS-1536 are professional quality, DC power supplies designed to power SCMA and CMA Series antenna preamplifiers. Both units provide -21 VDC and allow for a combined VHF and UHF feed to be diplexed with the power feed. The PS-1536 has a dual output for powering two loads, with a maximum current rating of 100 mA. The PS-1526 has a single output for powering one load, with a maximum current rating of 40 mA.

The PS-1526 and PS-1536 are housed in an aluminum case with an auxiliary AC receptacle. Both units offer regulated and surge-protected power. The PS-1536 has a panel mounted fuse, provides an additional level of short circuit protection on the regulator and a clamped output voltage to protect connected loads.

PS-1536

RF

Thru-Line Insertion Loss
 VHF (10-300 MHz): 0.2 dB
 UHF (470-806 MHz): 0.2 dB

Thru-Line Return Loss
 VHF (10-300 MHz): 20 dB
 UHF (470-890 MHz): 20 dB

Isolation Between Outputs:
 10-700 MHz: 50 dB
 700-806 MHz: 35 dB

Impedance: 75 Ω

Electrical

Output Voltage: -21 VDC
 Current @ 105 VAC Input: 100 ma

General

Power Requirements:
 117 VAC, ±10 %, 60 Hz, 0.11 A
 Temperature Range: 0 to +50 °C

Mechanical

Dimensions (WxHxD):
 8.25 x 3.50 x 2.25 in.
 210 x 89 x 57 mm
 Weight: 2.00 lbs, 0.91 kg

Connectors

Input: "F" type, female
 Output + DC: "F" type, female

PS-1526

RF

Thru-Line Insertion Loss
 VHF (10-300 MHz): 0.3 dB
 UHF (470-806 MHz): 0.5 dB

Thru-Line Return Loss
 VHF (10-300 MHz): 26 dB
 UHF (470-890 MHz): 22 dB

Impedance: 75 Ω

Electrical

Output Voltage: -21 VDC
 Current @ 105 VAC Input: 40 ma

General

Power Requirements:
 117 VAC, ±10 %, 60 Hz, 0.07 A
 Temperature Range: 0 to +50 °C

Mechanical

Dimensions (WxHxD):
 4.75 x 3.25 x 2.75 in.
 121 x 83 x 70 mm
 Weight: 1.25 lbs, 0.57 kg

Connectors

Input: "F" type, female
 Output + DC: "F" type, female

○ Ordering Information

Model	Stock No.	Description
PS-1526	1526	Power Supply Single Output, -21VDC @ 40mA
PS-1536	1536	Power Supply Dual Output, -21VDC @ 100mA