

3800 Series RF Power Amplifiers

- Strengthen Weak Radio Paths
- Solid-State Design
- Other Frequency Ranges Available



PHONE: (800) 275-2080

HIGH SIERRA ELECTRONICS, INC.

FAX: (530) 273-2089



DESCRIPTION:

The 3800 Series of RF Power Amplifiers are compatible with most ALERT/ALERT2 equipment.

All of the units are class "C" tunable amplifiers. Each have an internal transmit/receive switching circuit, an RF power stage, and a low-pass filter section. Frequency range VHF 169 to 174MHz is standard, but other frequencies are available upon request.

The 3800 Series of RF Power Amplifiers would be appropriate to add to a repeater or data transmitter whenever a radio path would be unreliable without it. Examples would include very long paths and paths without a line of sight.

SPECIFICATIONS:

Frequency Range	169 to 174 MHz
Power Output	25.0 W @ 5 W input
Nominal Input	Reduce power operation @ 2 to 4 W
Operating Voltage	13.8 VDC
Enclosure	Black Aluminum
Connector Types	PL-259, BNC
Operating Temperature	-22° to 140° F (-30° to 60° C)
Dimensions	4.9 x 1.6 x 1.6 in (12.4 x 4.1 x 4.1 cm) (L x W x H)
Weight	1 lb (0.5 kg)
Shipping Weight	2 lbs (0.9 kg)

ORDERING GUIDE:

Model 3801-01.	VHF Power Amplifier; Includes: 25 Watt, 169-174 MHz Amplifier with Mounting Bracket, and 7 in (17.8 cm) Transmitter Antenna Cable. <i>To be used with 3200/3300 Transmitters</i>
Model 3801-02.	VHF Power Amplifier; Includes: 25 Watt, 169-174 MHz Amplifier with Mounting Bracket, 11 in (27.9 cm) Repeater Antenna Cable, and 7 in (17.8 cm) Transmitter Antenna Cable. <i>To be used with 3300 Repeaters</i>

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Environmental Monitoring Solutions

WEB SITE: www.highsierraelectronics.com E-MAIL: sales@highsierraelectronics.com