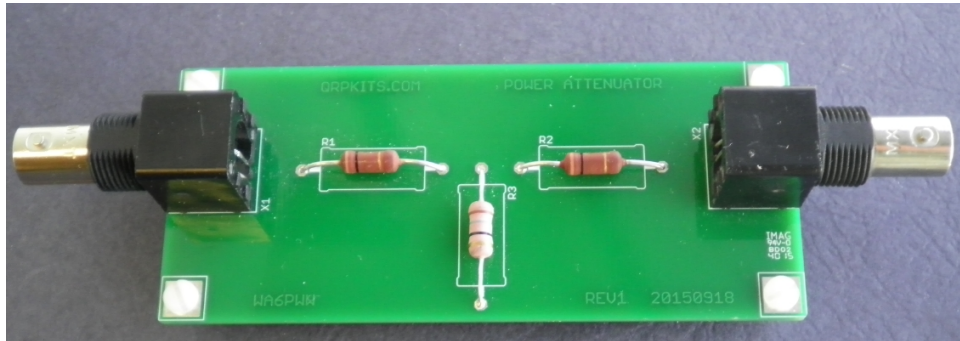


Resistive Attenuator Kit

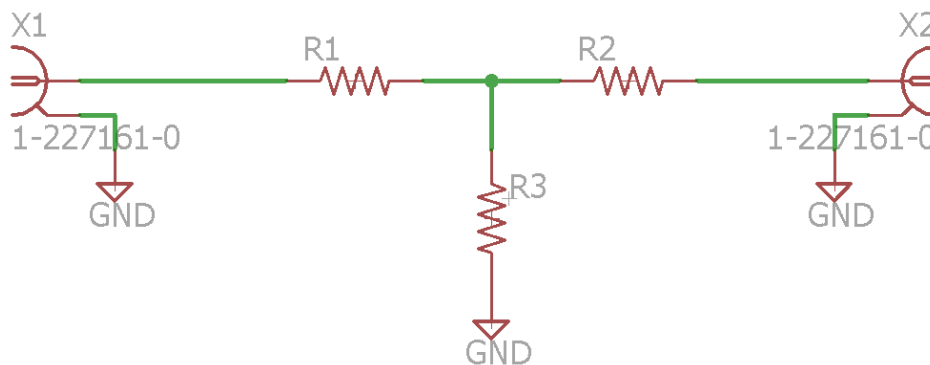


The Resistive Power Attenuator kit from Pacific Antenna provides an inline attenuator that may be configured for various attenuation levels.

The kit includes resistors for either 3, 6 or 10dB attenuation levels (specified when ordering) as well as BNC connectors and a circuit board.

All resistors are rated 3 W so that the attenuator can be used continuously at 5W levels and up to 20W for intermittent usage.

The attenuator is a T configuration as shown below.



Parts List

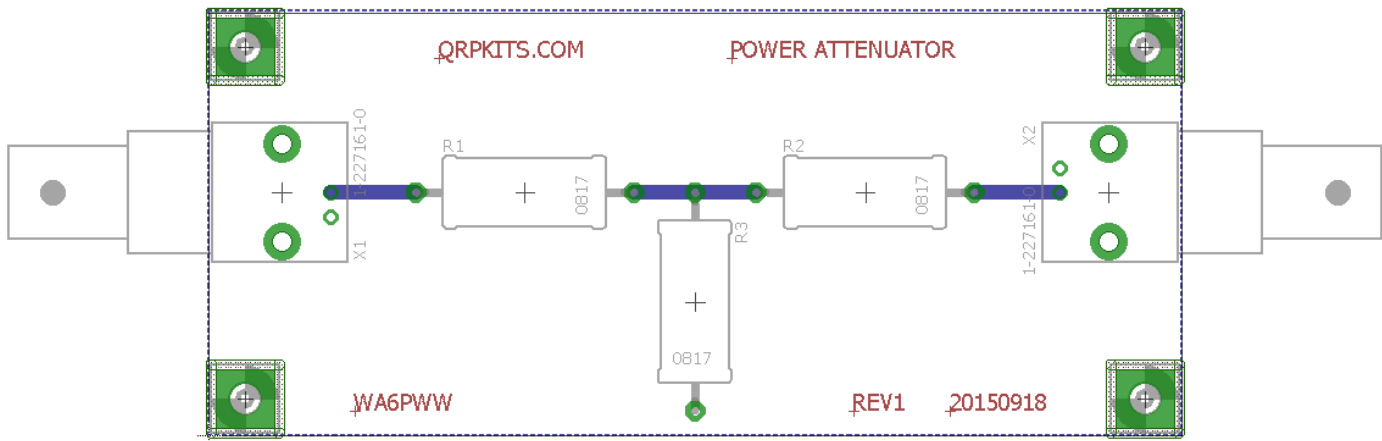
- 3 Power resistors, values depend on attenuation level
- 2 BNC connectors
- 1 PCB

Assembly requires soldering the two BNC connectors and adding R1, R2 and R3 as shown in the table below for the specified attenuation level. Note that R1 and R2 for each attenuation level are equal values and R3 will be a different value from R1 and R2.

Inventory	Installed	Quantity	Part #	Value	Color Code	Description
		1	R3	150Ω	Brn-grn-brn-gold	Resistor 3 W, attenuator, 3dB
		2	R1, R2	8.2Ω	Gry-blk-blk-gold	Resistor 3 W, attenuator, 3dB
		1	R3	68Ω	Blu-gry-blk-gold	Resistor 3 W, attenuator, 6dB
		2	R1, R2	15Ω	Brn-grn-blk-gold	Resistor 3 W, attenuator, 6dB
		1	R3	39Ω	Org-vio-blk-gold	Resistor 3 W, attenuator, 10dB
		2	R1, R2	24 Ω	Red-grn-blk-gold	Resistor 3 W, attenuator, 10dB

Simply install the resistors and BNC connectors as shown in the board layout below.

Check for any unsoldered connections, cold solder joints or shorts between pads. Otherwise, the attenuator should be ready for use.



This completes the attenuator kit.

It can be placed inline to reduce power from a transmitter or any other application where signal attenuation is needed.