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The 4200-Q-STBL-KIT is an optional 4200-PIV-Q accessory item that is used to address oscillation when Pulse IV testing RF transistors. The use of the contents of this kit is explained in **PA-956** Model 4200-PIV-Q Dual Channel Pulse IV Application Note.

The kit contains 10 parallel (shunt) and series resistor values to address system oscillation and includes all necessary cabling and adapters. Two additional boxes are included to permit use of custom resistance values. Figures 1, 2, and 3 show the case for the kit. Figure 4 shows an example of one of the stabilization resistor boxes. Table 1 lists the contents of the kit.



Figure 1. 4200-Q-STBL-KIT case



Figure 2. (case open)



Figure 3. (case open, zoomed)



NOTE: Labeling and color of stabilization resistors may vary.

Figure 4. One of the stabilization resistors showing the SMA female connections on either side.

Table 1. Contents of the 4200-Q-STBL-KIT			
Qty	Description	Qty	Description
2	SMA Cable, 6 inch (15.2 cm)		
2	SMA Cable, 4.25 inch (10.8 cm)		
2	SMA Cable with one right angle connector, 4.25 inch (10.8 cm)		
2	SMA Barrel, male-male		
	Series Resistor Boxes		Parallel Resistor Boxes
1	100 Ω Series Stabilization Resistor	1	10 Ω Parallel Stabilization Resistor
1	200 Ω Series Stabilization Resistor	1	50 Ω Parallel Stabilization Resistor
1	500 Ω Series Stabilization Resistor	1	100 Ω Parallel Stabilization Resistor
1	1 k Ω Series Stabilization Resistor	1	200 Ω Parallel Stabilization Resistor
1	2 k Ω Series Stabilization Resistor	1	500 Ω Parallel Stabilization Resistor
2	Blank Stabilization Resistor Box*		

* Two empty stabilization resistor boxes are provided to allow customer to populate with custom resistor values.