

**SPECIFICATION SHEET**

**JFW MODEL 50PD-682**

**4 WAY REACTIVE POWER DIVIDER/COMBINER**

JFW Industries, Inc.  
Phone: 317-887-1340  
sales@jfwindustries.com  
www.jfwindustries.com

Frequency Range	700-2700 MHz
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum (divider port) 1.4:1 maximum (combiner ports)
Insertion Loss (above 6 dB split)	2.2 dB maximum 0.5 dB typical @ 700 MHz 1.7 dB typical @ 2700 MHz
Amplitude Tracking	± 0.8 dB maximum
Phase Tracking	± 9° maximum
Isolation	19 dB minimum
RF Input Power*	100 Watts average (divider) 25 Watts average per port (combiner)
Optional Heatsink*	JFW #036-2769 (see outline drawing 092-7707)
Peak Power	1500 Watts (1 microsecond pulse, 0.1% duty cycle)
Operating Temperature Range	-40°C to +85°C
RF Connector	N, SMA, or TNC female
Physical Size	See outline drawing 092-2374

\* If combining two or more signals that are greater than 20 Watts average, an external heatsink may be required to keep the case temperature under 100°C.

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	01/23/2009		TRS 01/23/2009	26710	06/10/2016	C	TRS 06/10/2016
22817	05/07/2013	A	TRS 05/07/2013				
22861	05/20/2013	B	TRS 05/20/2013				