

SPECIFICATION SHEET**JFW MODEL 50PD-681****2 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	1.4:1 maximum
Insertion Loss (above 3 dB split)	1.2 dB maximum 0.2 dB typical @ 700 MHz 0.8 dB typical @ 2700 MHz
Amplitude Tracking	± 0.4 dB maximum
Phase Tracking	± 5° maximum
Isolation	20 dB minimum
RF Input Power*	100 Watts average (divider) 25 Watts average per port (combiner)
Temperature Range	-40°C to +85°C (operating) -55°C to +100°C (storage)
Humidity	up to 95% relative humidity (non-condensing)
RF Connector	SMA or N female
Available Model Numbers	50PD-681 N (2-Way) 50PD-681 SMA (2-Way) 50PD-681-25W-HS N (2-Way with 25W heatsink) 50PD-681-25W-HS SMA (2-Way with 25W heatsink)
Outline Drawing Numbers	092-2502 (N female) 092-7955 (N female with 25W heatsink) 092-10194 (SMA female)

* If combining two 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	32992	11/08/2023	C	TRS 11/08/2023
31068	04/16/2021	A	TRS 04/16/2021				
32293	12/28/2022	B	TRS 12/28/2022				