

**SPECIFICATION SHEET**

**JFW MODEL 50PD-909**

**4 WAY REACTIVE POWER DIVIDER/COMBINER**

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

Frequency Range	15-26.5 GHz
Impedance	50 Ohms nominal
VSWR	1.9:1 maximum < 1.5:1 typical (divider port) < 1.4:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	1.4 dB maximum 0.42 dB typical @ 15 GHz 0.68 dB typical @ 26.5 GHz
Amplitude Tracking	± 0.5 dB maximum ± 0.2 dB typical
Phase Tracking	± 6° maximum ± 3° typical
Isolation	16 dB minimum 18 dB typical
RF Input Power	5 Watts average (divider port) 0.25 Watts average (combiner ports)
Operating Temperature Range	-40°C to +85°C
RF Connector	SMA female
Physical Size	See outline drawing 092-9931

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/18/2022		TRS 07/18/2022				