

**SPECIFICATION SHEET****JFW MODEL 50PD-868****4 WAY REACTIVE POWER DIVIDER/COMBINER**

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

Frequency Range	6-40 GHz
Impedance	50 Ohms nominal
VSWR	2.1:1 maximum < 1.8:1 typical (divider port) < 1.5:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	2.3 dB maximum 0.8 dB typical @ 6 GHz 0.9 dB typical @ 26.5 GHz 1.2 dB typical @ 40 GHz
Amplitude Tracking	± 0.9 dB maximum ± 0.4 dB typical
Phase Tracking	± 9° maximum ± 6° typical
Isolation	15 dB minimum 17 dB typical
RF Input Power	10 Watts average (divider port) 0.25 Watts average (combiner ports)
Temperature Range	-40°C to +85°C (operating) -55°C to +125°C (storage)
RF Connector	2.92mm female
Physical Size	See outline drawing 092-9399

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/09/2019		TRS 09/09/2019				