

**SPECIFICATION SHEET**

**JFW MODEL 50PD-903**

**4 WAY REACTIVE POWER DIVIDER/COMBINER**

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

Frequency Range	1-18 GHz
Impedance	50 Ohms nominal
VSWR	1.8:1 maximum 1.5:1 typical (divider port) 1.3:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	2.9 dB maximum 2.1 dB typical @ 18 GHz
Amplitude Tracking	± 0.8 dB maximum ± 0.4 dB typical
Phase Tracking	± 8° maximum ± 5° typical
Isolation	16 dB minimum 20 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 092-9913

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/28/2022		TRS 06/28/2022				