

SPECIFICATION SHEET

JFW MODEL 50PD-927

4 WAY REACTIVE POWER DIVIDER/COMBINER

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

Frequency Range	500-8400 MHz
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum 1.4:1 typical (divider port) 1.2:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	2.3 dB maximum 0.3 dB typical @ 500 MHz 1.9 dB typical @ 8400 MHz
Amplitude Tracking	± 0.6 dB maximum ± 0.2 dB typical
Phase Tracking	± 6° maximum ± 2° typical
Isolation	16 dB minimum 500-700 MHz 18 dB minimum 700-8400 MHz 18 dB typical @ 500 MHz 20 dB typical @ 600 MHz 23 dB typical @ > 700 MHz
Matched 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	SMA female
Physical Size	See outline drawing 092-10149

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/11/2023		TRS 09/11/2023				