

SPECIFICATION SHEET

JFW MODEL 50PD-851

4 WAY REACTIVE POWER DIVIDER/COMBINER

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

Frequency Range	0.5-18 GHz
Impedance	50 Ohms nominal
VSWR	1.8:1 maximum < 1.6:1 typical (divider port) < 1.3:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	4.0 dB maximum 0.6 dB typical @ 500 MHz 1.6 dB typical @ 6 GHz 3.4 dB typical @ 18 GHz
Amplitude Tracking	± 0.9 dB maximum ± 0.3 dB typical
Phase Tracking	± 9° maximum ± 4° typical
Isolation	16 dB minimum 19 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	SMA female
Physical Size	See outline drawing 092-9165

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/06/2018		TRS 09/06/2018				