

SPECIFICATION SHEET

JFW MODEL 50PD-867

2 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 1.8:1 maximum
< 1.6:1 typical (divider port)
< 1.5:1 typical (combiner ports)

Insertion Loss 1.5 dB maximum
(above 3 dB split) 0.7 dB typical @ 6 GHz
1.2 dB typical @ 40 GHz

Amplitude Tracking ± 0.7 dB maximum
± 0.3 dB typical

Phase Tracking ± 7° maximum
± 4° typical

Isolation 15 dB minimum
19 dB typical 6-26.5 GHz
18 dB typical 26.5-40 GHz

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 092-9398

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