

SPECIFICATION SHEET

JFW MODEL 50PD-788

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	138-174 MHz
Impedance	50 Ohms nominal
VSWR	1.20:1 maximum 1.14:1 typical (divider port) 1.03:1 typical (combiner ports)
Insertion Loss (above 3 dB split)	0.30 dB maximum 0.18 dB typical
Amplitude Tracking	± 0.15 dB maximum ± 0.05 dB typical
Phase Tracking	± 1.5° maximum ± 0.6° typical
Isolation	20 dB minimum
RF Input Power*	200 Watts average (divider) 70 Watts average per port (combiner)
Operating Temperature Range	-40°C to +100°C
RF Connector	N or SMA female
Physical Size	See outline drawing 092-2502

* If combining two signals that are both greater than 25 Watts average, an external heatsink may be required to keep the case temperature under 100°C.

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/10/2013		TRS 12/10/2013				