

**SPECIFICATION SHEET**

**JFW MODEL 50PD-700**

**2 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range	380-400 MHz
Impedance	50 Ohms nominal
VSWR	1.20:1 maximum 1.12:1 typical
Insertion Loss (above 3 dB split)	0.3 dB maximum 0.1 dB typical
Amplitude Tracking	± 0.10 dB maximum ± 0.03 dB typical
Phase Tracking	± 1.0° maximum ± 0.3° typical
Isolation	20 dB minimum > 22 dB typical
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
	06/04/2009		TRS 06/04/2009				
19549	12/28/2010	A	TRS 12/28/2010				
19681	02/08/2011	B	TRS 02/08/2011				