

SPECIFICATION SHEET

JFW MODEL 50PD-660

4 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	698-3000 MHz
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss (above 6 dB split)	1.2 dB maximum 0.21 dB typical @ 698 MHz 0.65 dB typical @ 3000 MHz
Amplitude Tracking	± 0.7 dB maximum < 0.1 dB typical @ 3000 MHz
Phase Tracking	± 8° maximum < 3° typical @ 3000 MHz
Isolation	18 dB minimum > 22 dB typical
RF Input Power*	5 Watts average (divider port) 0.25 Watts average (combiner ports)
Operating Temperature Range	-40°C to +85°C
RF Connector	SMA female
Physical Size	See outline drawing 092-5727

* 10 Watts RF input power when used as a divider with all output ports loaded at < 1.2:1 VSWR.

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/19/2008		TRS 02/19/2008	19114	09/14/2010	C	TRS 09/14/2010
15828	05/05/2008	A	TRS 05/05/2008	19390	11/16/2010	D	TRS 11/16/2010
15880	05/15/2008	B	TRS 05/15/2008	20510	08/30/2011	E	TRS 08/30/2011