

SPECIFICATION SHEET

JFW MODEL 50PD-659

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	698-3000 MHz
Impedance	50 Ohms nominal
VSWR	1.4:1 maximum
Insertion Loss (above 3 dB split)	0.6 dB maximum 0.19 dB typical @ 698 MHz 0.36 dB typical @ 3000 MHz
Amplitude Tracking	± 0.5 dB maximum < 0.1 dB typical @ 3000 MHz
Phase Tracking	± 5° maximum < 1° 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 092-5726

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