

**SPECIFICATION SHEET**

**JFW MODEL 50PD-665**

**8 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range 698-3000 MHz

Impedance 50 Ohms nominal

VSWR 1.6:1 maximum  
< 1.4:1 typical (divider port)  
< 1.2:1 typical (combiner ports)

Insertion Loss 1.50 dB maximum  
(above 9 dB split) 0.51 dB typical @ 698 MHz  
1.15 dB typical @ 3000 MHz

Amplitude Tracking ± 0.7 dB maximum  
< 0.2 dB typical @ 3000 MHz

Phase Tracking ± 8° maximum  
< 2° typical @ 3000 MHz

Isolation 18 dB minimum  
> 20 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 092-5796

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/16/2008		TRS 05/16/2008	20510	08/30/2011	C	TRS 08/30/2011
19114	09/14/2010	A	TRS 09/14/2010				
19390	11/16/2010	B	TRS 11/16/2010				