

SPECIFICATION SHEET**JFW MODEL 50PD-662****8 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range 500-6000 MHz

Impedance 50 Ohms nominal

VSWR 1.7:1 maximum
1.5:1 typical (divider port)
1.3:1 typical (combiner ports)

Insertion Loss 3.0 dB maximum
(above 9 dB split) 0.5 dB typical @ 500 MHz
2.6 dB typical @ 6000 MHz

Amplitude Tracking ± 0.8 dB maximum
 ± 0.2 dB typical

Phase Tracking $\pm 9^\circ$ maximum
 $\pm 3^\circ$ typical

Isolation 17 dB minimum
> 22 dB typical 500-5500 MHz
> 18 dB typical 5500-6000 MHz

Matched Input Power 5 Watts average (divider port)
0.25 Watts average (combiner ports)

Operating Temperature Range -40°C to $+85^\circ\text{C}$

RF Connector SMA female

Physical Size See outline drawing 092-5387

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/23/2007		TRS 03/23/2007	26912	08/04/2016	C	TRS 08/04/2016
21008	12/15/2011	A	TRS 12/15/2011	28953	08/15/2018	D	TRS 08/15/2018
21554	05/16/2012	B	TRS 05/16/2012				