

SPECIFICATION SHEET**JFW MODEL 50PD-650****4 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range	500-6000 MHz
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum < 1.35:1 typical (divider port) < 1.25:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	1.8 dB maximum 0.3 dB typical @ 500 MHz 1.1 dB typical @ 6000 MHz
Amplitude Tracking	± 0.6 dB maximum ± 0.1 dB typical
Phase Tracking	± 6° maximum ± 1° typical
Isolation	18 dB minimum > 22 dB typical 500-5500 MHz > 20 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°C
RF Connector	SMA female (Note: all RF connectors on same side)
Physical Size	See outline drawing 092-5377

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/23/2007		TRS 03/23/2007				
21554	05/16/2012	A	TRS 05/16/2012				
28953	08/15/2018	B	TRS 08/15/2018				