

SPECIFICATION SHEET

JFW MODEL 50PD-837

4 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	400-6000 MHz
Impedance	50 Ohms nominal
VSWR	1.7:1 maximum 400-500 MHz 1.6:1 maximum 500-6000 MHz
Insertion Loss (above 6 dB split)	2.2 dB maximum 0.5 dB typical @ 400 MHz 1.7 dB typical @ 6000 MHz
Amplitude Tracking	± 0.6 dB maximum ± 0.2 dB typical
Phase Tracking	± 6° maximum ± 3° typical
Isolation	11 dB minimum 400-500 MHz 18 dB minimum 500-6000 MHz 15 dB typical 400-500 MHz 21 dB minimum 500-6000 MHz
RF Input Power	10 Watts average (divider port) 0.25 Watts average (combiner ports)
Operating Temperature Range	-40°C to +85°C
RF Connector	N female
Physical Size	See outline drawing 092-9063

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/10/2018		TRS 04/10/2018				
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