

SPECIFICATION SHEET

JFW MODEL 50PD-559

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	800-2400 MHz
Impedance	50 Ohms nominal
VSWR	1.4:1 maximum 1.2:1 typical
Insertion Loss (above 3 dB split)	0.5 dB maximum 0.18 dB typical @ 800 MHz 0.27 dB typical @ 2400 MHz
Amplitude Tracking	± 0.3 dB maximum ± 0.02 dB typical
Phase Tracking	± 5° maximum ± 0.03° typical
Isolation	20 dB minimum > 23 dB typical
RF Input Power	5 Watts average (divider port) 0.3 Watts average (combiner ports)
Operating Temperature Range	-40°C to +85°C
RF Connector	SMA female
Physical Size	See outline drawing 092-4856

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/11/2005		BAC 07/11/2005				
19114	09/14/2010	A	TRS 09/14/2010				
29525	05/15/2019	B	TRS 05/15/2019				