

SPECIFICATION SHEET

JFW MODEL 50PD-867

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	6-40 GHz
Impedance	50 Ohms nominal
VSWR	1.8:1 maximum < 1.6:1 typical (divider port) < 1.5:1 typical (combiner ports)
Insertion Loss (above 3 dB split)	1.5 dB maximum 0.5 dB typical @ 6 GHz 0.6 dB typical @ 26.5 GHz 0.8 dB typical @ 40 GHz
Amplitude Tracking	± 0.7 dB maximum ± 0.3 dB typical
Phase Tracking	± 7° maximum ± 4° typical
Isolation	15 dB minimum 19 dB typical 6-26.5 GHz 18 dB typical 26.5-40 GHz
RF Input Power	10 Watts average (divider port) 0.25 Watts average (combiner ports)
Temperature Range	-40°C to +85°C (operating) -55°C to +125°C (storage)
RF Connector	2.92mm female
Physical Size	See outline drawing 092-9398

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/09/2019		TRS 09/09/2019				