

SPECIFICATION SHEET

JFW MODEL 50PD-850

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	0.5-18 GHz
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum < 1.4:1 typical (divider port) < 1.3:1 typical (combiner ports)
Insertion Loss (above 3 dB split)	1.9 dB maximum 0.2 dB typical @ 500 MHz 0.6 dB typical @ 6 GHz 1.4 dB typical @ 18 GHz
Amplitude Tracking	± 0.7 dB maximum ± 0.2 dB typical
Phase Tracking	± 7° maximum ± 3° typical
Isolation	18 dB minimum 500 MHz-6 GHz 15 dB minimum 6-18 GHz 20 dB typical 500 MHz-6 GHz 17 dB typical 6-18 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	SMA female
Physical Size	See outline drawing 092-9164

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	09/06/2018		TRS 09/06/2018				
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