

SPECIFICATION SHEET

JFW MODEL 50PD-926

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range 500-8400 MHz

Impedance 50 Ohms nominal

VSWR 1.6:1 maximum
1.4:1 typical (divider port)
1.2:1 typical (combiner ports)

Insertion Loss 1.3 dB maximum
(above 3 dB split) 0.27 dB typical @ 500 MHz
0.96 dB typical @ 8400 MHz

Amplitude Tracking ± 0.4 dB maximum
± 0.1 dB typical

Phase Tracking ± 5° maximum
± 2° typical

Isolation 17 dB minimum 500-700 MHz
18 dB minimum 700-8400 MHz

18 dB typical @ 500 MHz
20 dB typical @ 600 MHz
22 dB typical @ > 700 MHz

Matched 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 092-10151

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