

SPECIFICATION SHEET

JFW MODEL 50PD-928

8 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range 500-8400 MHz

Impedance 50 Ohms nominal

VSWR 2.0:1 maximum (divider port)
1.6:1 maximum (combiner ports)
1.7:1 typical (divider port)
1.4:1 typical (combiner ports)

Insertion Loss 4.3 dB maximum
(above 9 dB split) 1.5 dB typical @ 500 MHz
3.5 dB typical @ 8400 MHz

Amplitude Tracking ± 1.0 dB maximum
± 0.4 dB typical

Phase Tracking ± 10° maximum
± 6° typical

Isolation 16 dB minimum 500-2000 MHz
18 dB minimum 2000-8400 MHz
18 dB typical @ 500 MHz
20 dB typical @ 600 MHz
23 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)
-50°C to +105°C (storage)

RF Connector SMA female

Physical Size See outline drawing 092-10163

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
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