

SPECIFICATION SHEET**JFW MODEL 50PDA-097****POWER DIVIDER ASSEMBLY**

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Configuration 13 of 2Way power divider/combiners
2 of 8Way power divider/combiners
(all rf connectors on back panel)

Enclosure Type 23 inch rack mount @ 4RU high

Frequency Range 700-3000 MHz

Impedance 50 Ohms nominal

VSWR (2Way's) 1.5:1 maximum
(8Way's) 1.7:1 maximum

Insertion Loss (2Way's) 0.8 dB maximum above 3dB split
(8Way's) 1.8 dB maximum above 9dB split

Amplitude Tracking (2Way's) ± 0.4 dB
(8Way's) ± 0.5 dB

Phase Tracking (2Way's) $\pm 5^\circ$
(8Way's) $\pm 6^\circ$

Isolation (2Way's) 20 dB minimum
(8Way's) 20 dB minimum

RF Input Power (2Way's) 5 Watts on divider port
(2Way's) 2 Watts on combiner ports
(8Way's) 5 Watts on divider port
(8Way's) 0.5 Watts on combiner ports

Operating Temperature Range -40°C to $+85^\circ\text{C}$

RF Connector N female (all located on back panel)

Physical Size See outline drawing 092-6149

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/27/2009		TRS 03/27/2009				