

SPECIFICATION SHEET**JFW MODEL 50PD-645****2 WAY REACTIVE POWER DIVIDER/COMBINER**

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range 500-6000 MHz

Impedance 50 Ohms nominal

VSWR 1.5:1 maximum
< 1.25:1 typical (divider port)
< 1.15:1 typical (combiner ports)

Insertion Loss 0.9 dB maximum
(above 3 dB split) 0.14 dB typical @ 500 MHz
0.53 dB typical @ 6000 MHz

Amplitude Tracking ± 0.35 dB maximum
 ± 0.04 dB typical

Phase Tracking $\pm 5.0^\circ$ maximum
 $\pm 0.5^\circ$ typical

Isolation 18 dB minimum
> 24 dB typical 500-5500 MHz
> 22 dB typical 5500-6000 MHz

RF Input Power 5 Watts average (divider port)
0.25 Watts average (combiner ports)

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

RF Connector SMA female

Physical Size See outline drawing 092-5371

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/23/2007		TRS 03/23/2007				
28202	10/23/2017	A	TRS 10/23/2017				
28953	08/15/2018	B	TRS 08/15/2018				