

**SPECIFICATION SHEET**

**JFW MODEL 50PD-742**

**8 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range	698-3000 MHz
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss (above 9 dB split)	2 dB maximum
Amplitude Tracking	± 0.5 dB maximum
Phase Tracking	± 8° maximum < 3° typical @ 3000 MHz
Isolation	18 dB minimum > 20 dB typical
RF Input Power	5 Watts average (divider port) 0.25 Watts average (combiner ports)
Operating Temperature Range	-40°C to +85°C
RF Connector	N female
Physical Size	See outline drawing 092-6739

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/30/2010		TRS 09/30/2010				
19390	11/16/2010	A	TRS 11/16/2010				
20341	07/18/2011	B	TRS 07/18/2011				