

SPECIFICATION SHEET

JFW MODEL 50PD-743

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	200-500 MHz
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum 1.2:1 typical (divider port) 1.1:1 typical (combiner ports)
Insertion Loss (above 3 dB split)	0.60 dB maximum 0.18 dB typical @ 200 MHz 0.33 dB typical @ 500 MHz
Amplitude Tracking	± 0.1 dB maximum
Phase Tracking	± 2° maximum
Isolation	20 dB minimum 25 dB typical
Passive Intermodulation	-107 dBc typical with two 20W tones
RF Input Power	100 Watts average (divider port) 25 Watts average (combiner ports)
Operating Temperature Range	-40°C to +85°C
RF Connector	SMA or N female
Physical Size	See outline drawing 092-6742

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	10/07/2010		TRS 10/07/2010				
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