

SPECIFICATION SHEET

JFW MODEL 50PD-590

**2 WAY REACTIVE POWER DIVIDER/COMBINER
(TOROIDAL)**

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Frequency Range	20-3000 MHz
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss (above 3 dB split)	2 dB maximum
Amplitude Tracking	± 0.3 dB maximum
Phase Tracking	± 10° maximum ± 5° typical
Isolation	15 dB minimum 23 dB typical @ 20 MHz 21 dB typical @ 1000 MHz 29 dB typical @ 2000 MHz 18 dB typical @ 3000 MHz
RF Input Power	1 Watt average (divider port) 0.1 Watts average (combiner ports)
Operating Temperature Range	-15°C to +65°C
Storage Temperature Range	-55°C to +85°C
RF Connector	SMA or N
Physical Size	See outline drawings: 092-5003 (50PD-590 N) 092-5713 (50PD-590 SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
14780	10/01/2007	A	TRS 10/01/2007	20794	10/19/2011	D	TRS 10/19/2011
15319	02/06/2008	B	TRS 02/06/2008	20814	10/24/2011	E	TRS 10/24/2011
19496	12/13/2010	C	CLK 12/13/2010	21286	02/22/2012	F	TRS 02/22/2012