

SPECIFICATION SHEET

JFW MODEL 50S-1310

1P8T SELF TERMINATING SOLID STATE RF SWITCH

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Frequency Range	20-4300 MHz
Configuration	1P8T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss	2.5 dB maximum 20-1000 MHz 3.0 dB maximum 1000-2000 MHz 3.5 dB maximum 2000-3000 MHz 4.5 dB maximum 3000-4300 MHz
Isolation	70 dB minimum to 2000 MHz 50 dB minimum to 4300 MHz
Switching Speed	15 microseconds (50% TTL to 10% or 90% RF)
RF Input Power	+20 dBm (20-100 MHz) +30 dBm (100-4300 MHz)
TTL Control Logic (4 Lines)	See Outline Drawing 092-3658
DC Supply	+24 Vdc @ 200 mA maximum and +5 Vdc @ 150 mA maximum
DC Connector	3M #3793-5305
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-3658

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/20/2003		BAC 03/20/2003	17479	07/29/2009	C	TRS 07/29/2009
4311	07/21/2003	A	CLV 07/21/2003	20563	09/09/2011		BAC 09/09/2011
11420	06/28/2005	B	BAC 06/28/2005				