

SPECIFICATION SHEET

JFW MODEL 50S-1832

1P2T SOLID STATE RF SWITCH

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Frequency Range	960-1300 MHz
Configuration	1P2T
Impedance	50 Ohms nominal
VSWR	1.2:1 typical 1.3:1 maximum
Insertion Loss	0.50 dB typical 0.75 dB maximum
Isolation	46 dB typical 40 dB minimum
Switching Speed	10 microseconds maximum (50% TTL to 10% or 90% RF) 6 microseconds typical OFF-ON 6 microseconds typical ON-OFF
RF Input Power	200 Watts average (Cold switch) 1000 Watts Peak @ 35usec pulse width
Control (1 line)	TTL "Low" (0-0.8V) COM to J1 TTL "High" (2.0-5.0V) COM to J2
DC Supply	+15 Vdc @ 250 mA nominal and +5 Vdc @ 40 mA nominal
RF Connector	N female or SMA female
Operating Temperature Range	-20°C to +70°C
Storage Temperature Range	-55°C to +85°C
Physical Size	See outline drawing 092-3022 (N) 092-5245 (SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/25/2009		BAC 06/25/2009	21090	01/03/2012	C	BAC 01/03/2012
18898	07/21/2010	A	BAC 07/21/2010	22769	04/16/2013	D	BAC 04/16/2013
19480	12/09/2010	B	BAC 12/09/2010				