

SPECIFICATION SHEET**JFW MODEL 50S-1912****1P2T REFLECTIVE SOLID STATE RF SWITCH**

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Frequency Range	20-520 MHz
Configuration	1P2T Reflective
Impedance	50 Ohms nominal
VSWR	1.20:1 typical 1.30:1 maximum
Insertion Loss	0.25 dB typical @ 20MHz 0.35 dB typical @ 520MHz 0.50 dB maximum 20-520MHz
Isolation	65 dB typical @ 20MHz 55 dB typical @ 520MHz 50 dB minimum 20-520MHz
Switching Speed	10 microseconds maximum 6 microseconds typical (50% TTL to 10% or 90% RF)
RF Input Power	15 Watts average (Cold switch) 15 Watts average (Hot switch)
Control (1 line)	TTL "Low" (0-0.8Vdc) Common to J1 TTL "High" (2.0-5.0Vdc) Common to J2
DC Supply	+28 Vdc(+24V to +32V)@ 70 mA nominal and +5 Vdc (+4.8 to +5.2V) @ 40 mA nominal
RF Connector	SMA female
Operating Temperature Range	-20°C to +80°C
Storage Temperature Range	-55°C to +85°C
Weight	1.3oz
Physical Size	See outline drawing 092-6817

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/09/2010		BAC 12/09/2010	19540	12/22/2010	C	BAC 12/22/2010
19525	12/17/2010	A	BAC 12/17/2010	22889	05/28/2013	D	BAC 05/28/2013
19538	12/21/2010	B	BAC 12/21/2010				