

**SPECIFICATION SHEET**

**JFW MODEL 50S-1567**

**1P12T SELF TERMINATING SOLID STATE RF SWITCH**

JFW Industries, Inc.  
Phone: 317-887-1340  
sales@jfwindustries.com  
www.jfwindustries.com

Frequency Range	20-4300 MHz
Configuration	1P12T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum
Insertion Loss	2.0 dB maximum 20-1000 MHz 2.5 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	20 microseconds
RF Input Power	+20 dBm (20-100 MHz) +30 dBm (100-4300 MHz)
Control Logic (4 Lines)	TTL per 092-4368
DC Supply	+24 Vdc @ 250 mA nominal and +5 Vdc @ 150 mA nominal
DC Connector	3M #3793-5303
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C (50S-1567) -40°C to +70°C (50S-1567-ET)
Available Model Numbers	50S-1567 SMA (standard model) 50S-1567-ET SMA (extended temperature range)
Physical Size	See outline drawing 092-4368

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/28/2007		BAC 08/28/2007				
23163	08/15/2013	A	BAC 08/15/2013				
26054	12/18/2015	B	TRS 12/18/2015				