

**SPECIFICATION SHEET**  
**JFW MODEL 50S-1199**  
**1P8T SOLID STATE RF SWITCH**

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Frequency Range	20-4300 MHz
Configuration	1P8T
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss	2.0 dB maximum 20-1000 MHz 2.5 dB maximum 1000-2000 MHz 3.0 dB maximum 2000-3000 MHz 4.0 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)
TTL Control Logic (4 Lines)	See outline drawing 092-3658
DC Supply	+24 Vdc @ 100 mA +5 Vdc @ 100 mA
DC Connector	3M #3793-5303
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
	04/24/2001		BAC 01/20/2003				
11759	08/24/2005	A	BAC 08/24/2005				
17479	07/29/2009	B	TRS 07/29/2009				