



Switches

High Performance Switches Typical and Guaranteed Specifications—50 Ω System

Model	Frequency Range MHz	Insertion Loss dB			Isolation ±dB		SWR Input/Output dB			Power Output At 1dB Compression Min. dBm			Intercept Point dBm	Switching Time (Rise/Fall) (nsec)		D.C.	
		Typ.	Max. 0/50C	Max. -55/85C	Min. 0/50C	Min. -55/85C	Typ.	Max. 0/50C	Max. -55/85C	Typ.	Min. 0/50C	Min. -55/85C	3rd/2nd Typ.	Max. 0/50C	Max. -55/85C	Volts	mA Typ.
Available in TO-8B, SMT0-8B SMA or 10-pin Gullwing Packages																	
SJ1010	5-100	<0.7	1.0	1.2	45.0	43.0	<1.1	1.3	1.4	—	—	—	38/56	—	—	5	5
	100-500	<1.0	1.3	1.5	35.0	34.0	<1.1	1.3	1.4	>19.0	18.0	17.0	49/60	20	40		
	500-1000	<1.5	1.8	2.0	28.0	27.0	<1.3	1.5	1.6	>24.0	24.0	23.0	49/65	20	40		
SRS3019	5-500	<1.0	1.3	1.5	38.0	36.0	<1.15	1.3	1.4	28.0	25.0	24.0	42/66	1000	1200	±15	22
	500-2000	<1.2	1.5	1.6	30.0	28.0	<1.3	1.5	1.6	28.0	25.0	24.0	41/62	1000	1200		
	2000-3000	<1.5	1.9	2.1	28.0	26.0	<1.7	1.9	2.0	28.0	25.0	24.0	40/65	1000	1200		
S2CP20101* SPST Non-Reflective	D.C.-500	0.9	1.1	1.3	65	62	1.3	1.4	1.5	22	—	—	—	75/50	80/60	-5.0	5
	500-18000	1.8	2.8	3.0	70	68	1.3	1.8	2.0	24	—	—	—				
	18000-21000	2.6	3.0	3.2	70	68	1.4	1.7	2.0	22	—	—	—				
S2CP20201* SPDT Non-Reflective	D.C.-500	1.5	1.6	1.8	63	60	1.3	1.5	1.7	22	—	—	—	75/50	80/60	-5.0	5
	500-18000	2.2	3.2	3.5	45	42	1.3	1.8	2.0	24	—	—	—				
	18000-21000	3.0	3.5	3.8	45	42	1.4	1.8	2.0	22	—	—	—				