

Wide Band RF Switch

Part No.	BW(MHz)	Freq.(MHz)	Insertion Loss(dB)	Isolation RF1/RF2	Return Loss/On state	Return Loss/Off state	Input P1(dBm)	Input IP3(dBm)	PKG					
BSW841	DC-4000	DC-1GHz	0.6	50.0/51.5	26	17	24	47	MSOP8L					
		DC-2GHz	0.7	43.5/45.0	21		23	48						
		DC-3GHz	0.8	33.0/34.0	23.5		22	47						
		DC-4GHz	0.9	27.0/27.5	16.1		22	46						
Part No.	BW(MHz)	Freq.(MHz)	Insertion Loss(dB)	Isolation(dB) RFC to RFx	Return Loss((dB)	Input P1(dBm)	Input IP3(dBm)	2nd Harmonic (dBc)	Switching Time(ns)	Function	Type	Description	PKG	
BSW6321	5-6000	1000	0.42	52	20				500_50% ctrl to 90% RF	400_50% ctrl to 10% RF	SPDT(R)	50Ω 7 5Ω	High Linearity	6-lead UDFN 1.5x1.5
		2000	0.48	43		39	63	85						
		4000	0.60	33										
		6000	0.80	28		36	67	95						
	5-6000	1000	0.69	55	20									

BSW6421		2000	0.74	51		39	63	95	500_50 % ctrl to 90% RF	400_50 % ctrl to 10% RF	SPDT(R)	50Ω 7 5Ω	High Isolation	6-lead UDF N 1.5x1. 5
		4000	1.01	55										
		6000	1.15	35		37	68	100						
BSW6420	50-6000	1000	0.70	69	15				540_50 % ctrl to 90% RF	530_50 % ctrl to 10% RF	SPDT(A)	50Ω	High Power	16- lead TQF N 3x3
		2000	0.77	67		40.5	63.5	97						
		4000	0.80	52		41	66	97						
		6000	1.03	45										
BSW7221	5-6000	1000	0.42	52	20				135_50 % ctrl to 90% RF	90_50 % ctrl to 10% RF	SPDT(R)	50Ω 7 5Ω	Fast Switchin g, Low IL	6-lead UDF N 1.5x1. 5
		2000	0.46	47		37	65	95						
		4000	0.52	34										
		6000	0.59	28		35	64	80						
BSW7321	5-6000	1000	0.52	52	20				145_50 % ctrl to 90% RF	105_50 % ctrl to 10% RF	SPDT(R)	50Ω 7 5Ω	Fast Switchin g, High Linearity	6-lead UDF N 1.5x1. 5
		2000	0.55	45		39	65	90						
		4000	0.66	35										
		6000	0.73	29		39	65	90						
BSW7421	5-6000	1000	0.73	55	20				140_50 % ctrl to 90% RF	125_50 % ctrl to 10% RF	SPDT(R)	50Ω 7 5Ω	Fast Switchin g, High Isolation	6-lead UDF N 1.5x1. 5
		2000	0.73	52		39	65	95						
		4000	0.83	50										
		6000	0.93	36		38	65	80						