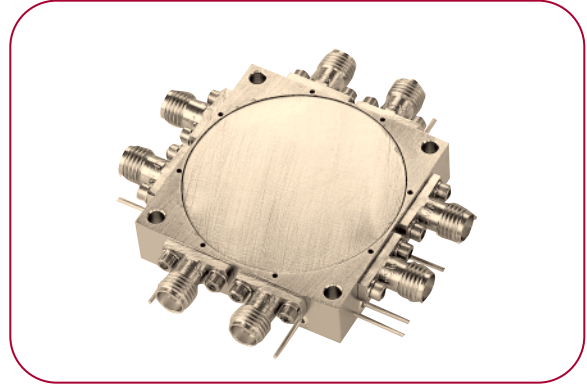


SINGLE-POLE SEVEN-THROW SWITCHES

FEATURES

- Multioctave bands 0.2 to 18 GHz
- Current and TTL control
- Low loss
- High isolation
- Medium and high speed models
- Drop-in models
- Amplitude and phase tracking
- Binary decoded logic



Frequency Range (GHz)	Model Number	Insertion Loss (dB, Max.)	Isolation (dB, Min.)	*VSWR (Max.)	Type (Reflective/Absorptive)	DC Power Consumption		Outline	Ordering Options	Additional Features
						Pos. Supply (mA, Max.)	Neg. Supply (mA, Min.)			
STANDARD, MULTIOCTAVE BAND MODELS										
0.2–2	S703A	1.7	50	1.7:1	Ref	185	185	SP7T	1-5	–
	S703B	2	60	1.7:1	Ref	185	185	SP7T	1-5	–
	N703A	2.1	55	1.7:1	Abs	185	185	SP7T	1-5	–
	N703B	2.4	65	1.7:1	Abs	185	185	SP7T	1-5	–
0.5–2	S713A	1.6	55	1.7:1	Ref	185	185	SP7T	1-5	–
	S713B	1.9	65	1.7:1	Ref	185	185	SP7T	1-5	–
	N713A	2	55	1.7:1	Abs	185	185	SP7T	1-5	–
	N713B	2.3	65	1.7:1	Abs	185	185	SP7T	1-5	–
2–8	S736A	2.1	55	1.8:1	Ref	185	185	SP7T	1-5	–
	S736B	2.3	65	1.8:1	Ref	185	185	SP7T	1-5	–
	N736A	2.3	55	1.8:1	Abs	185	185	SP7T	1-5	–
	N736B	2.6	65	1.8:1	Abs	185	185	SP7T	1-5	–
4–12	S747A	2.9	55	1.8:1	Ref	185	185	SP7T	1-5	–
	S747B	3.1	65	1.8:1	Ref	185	185	SP7T	1-5	–
	N747A	3	50	1.8:1	Abs	185	185	SP7T	1-5	–
	N747B	3.2	65	1.8:1	Abs	185	185	SP7T	1-5	–
2–18	S738A	3.4	50	2:1	Ref	185	185	SP7T	1-5	–
	S738B	3.7	60	2:1	Ref	185	185	SP7T	1-5	–
	N738A	3.6	45	2:1	Abs	185	185	SP7T	1-5	–
	N738B	4	60	2:1	Abs	185	185	SP7T	1-5	–
1–18	S728A	3.6	50	2:1	Ref	185	185	SP7T	1-5	–
	S728B	3.9	60	2:1	Ref	185	185	SP7T	1-5	–
	N728A	3.8	45	2:1	Abs	185	185	SP7T	1-5	–
	N728B	4.2	60	2:1	Abs	185	185	SP7T	1-5	–
OPTIMIZED PERFORMANCE MODELS										
1–1.5	127069	1.5	60	1.6:1	Abs	–	–	SP7T	2-3	15V, -15V 1ns switch speed

Electrical performance of multioctave models can be optimized over narrower bandwidths, or for a particular parameter. Electrical options include: Lower insertion loss, lower VSWR, higher isolation, flat amplitude response, amplitude tracking. Mechanical/Control options include: Custom packaging, single supply operation, fast switching time, single TTL control line. Examples of custom models previously shipped are shown below. Consult factory for options.

*For reflective models, VSWR is not specified in the "OFF" state.
For absorptive models, VSWR in the "OFF" state is defined for port J2 only.