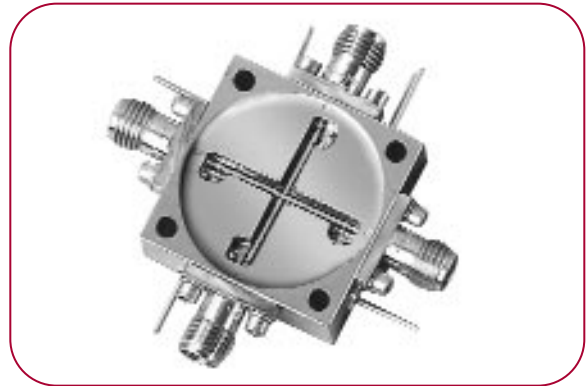


SINGLE-POLE THREE-THROW SWITCHES

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 Pos. Supply (mA, Max.)	Neg. Supply (mA, Min.)	Outline	Ordering Options	Additional Features
STANDARD, MULTIOCTAVE BAND MODELS										
0.2-2	S303A	1.3	50	1.6:1	Ref	85	85	SP3T	1-5	–
	S303B	1.6	70	1.6:1	Ref	85	85	SP3T	1-5	–
	N303A	1.7	55	1.6:1	Abs	85	85	SP3T	1-5	–
	N303B	2	75	1.6:1	Abs	85	85	SP3T	1-5	–
0.5-2	S313A	1.2	60	1.6:1	Ref	85	85	SP3T	1-5	–
	S313B	1.5	80	1.6:1	Ref	85	85	SP3T	1-5	–
	N313A	1.6	55	1.6:1	Abs	85	85	SP3T	1-5	–
	N313B	1.9	75	1.6:1	Abs	85	85	SP3T	1-5	–
2-8	S336A	1.7	60	1.7:1	Ref	85	85	SP3T	1-5	–
	S336B	1.9	80	1.7:1	Ref	85	85	SP3T	1-5	–
	N336A	1.9	55	1.7:1	Abs	85	85	SP3T	1-5	–
	N336B	2.1	70	1.7:1	Abs	85	85	SP3T	1-5	–
4-12	S347A	2.2	70	1.7:1	Ref	85	85	SP3T	1-5	–
	S347B	2.4	90	1.7:1	Ref	85	85	SP3T	1-5	–
	N347A	2.2	50	1.7:1	Abs	85	85	SP3T	1-5	–
	N347B	2.5	65	1.7:1	Abs	85	85	SP3T	1-5	–
2-18	S338A	2.7	60	2:1	Ref	85	85	SP3T	1-5	–
	S338B	3	80	2:1	Ref	85	85	SP3T	1-5	–
	N338A	2.8	45	2:1	Abs	85	85	SP3T	1-5	–
	N338B	3.2	60	2:1	Abs	85	85	SP3T	1-5	–
1-18	S328A	2.8	55	2:1	Ref	85	85	SP3T	1-5	–
	S328B	3.1	70	2:1	Ref	85	85	SP3T	1-5	–
	N328A	2.9	45	2:1	Abs	85	85	SP3T	1-5	–
	N328B	3.4	60	2:1	Abs	85	85	SP3T	1-5	–

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.

OPTIMIZED PERFORMANCE MODELS										
4.8-7.6	126145	3	60	1.5:1	Ref	–	–	SP3T	Single 5V supply	
5.8-14.5	126144	3	60	1.6:1	Ref	–	–	Contact factory	Single 5V supply	
2-12	120608	2.2	70	1.7:1	Ref	85	85	SP3T	5V,-12V	
2-18	124081	2.7	70	2:1	Ref	–	–	SP3T	5V,-12V. 50ns switch speed	

*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.