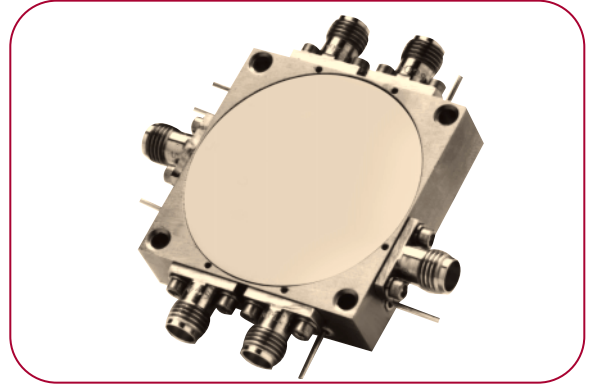


SINGLE-POLE FIVE-THROW SWITCHES

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.)	DC Power Consumption Neg. Supply (mA, Min.)	Outline	Ordering Options	Additional Features
STANDARD, MULTIOCTAVE BAND MODELS										
0.2–2	S503A	1.5	50	1.7:1	Ref	135	135	SP5T	1-5	–
	S503B	1.8	60	1.7:1	Ref	135	135	SP5T	1-5	–
	N503A	1.9	55	1.7:1	Abs	135	135	SP5T	1-5	–
	N503B	2.2	65	1.7:1	Abs	135	135	SP5T	1-5	–
0.5–2	S513A	1.4	55	1.7:1	Ref	135	135	SP5T	1-5	–
	S513B	1.7	65	1.7:1	Ref	135	135	SP5T	1-5	–
	N513A	1.8	55	1.7:1	Abs	135	135	SP5T	1-5	–
	N513B	2.1	65	1.7:1	Abs	135	135	SP5T	1-5	–
2–8	S536A	1.9	55	1.8:1	Ref	135	135	SP5T	1-5	–
	S536B	2.1	65	1.8:1	Ref	135	135	SP5T	1-5	–
	N536A	2.1	55	1.8:1	Abs	135	135	SP5T	1-5	–
	N536B	2.4	65	1.8:1	Abs	135	135	SP5T	1-5	–
4–12	S547A	2.6	55	1.8:1	Ref	135	135	SP5T	1-5	–
	S547B	2.8	65	1.8:1	Ref	135	135	SP5T	1-5	–
	N547A	2.6	50	1.8:1	Abs	135	135	SP5T	1-5	–
	N547B	2.9	65	1.8:1	Abs	135	135	SP5T	1-5	–
2–18	S538A	3	50	2:1	Ref	135	135	SP5T	1-5	–
	S538B	3.3	60	2:1	Ref	135	135	SP5T	1-5	–
	N538A	3.2	45	2:1	Abs	135	135	SP5T	1-5	–
	N538B	3.6	60	2:1	Abs	135	135	SP5T	1-5	–
1–18	S528A	3.2	50	2:1	Ref	135	135	SP5T	1-5	–
	S528B	3.5	60	2:1	Ref	135	135	SP5T	1-5	–
	N528A	3.4	45	2:1	Abs	135	135	SP5T	1-5	–
	N528B	3.8	60	2:1	Abs	135	135	SP5T	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. 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.