

## PIN Switches



Coaxial

### Reflective Switches 0.02 to 18GHz

P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) Max	VSW Max	Isolation (dB) Min	Switching Speed (ns) Max	Power Handling (W) Max	Case
JXWBKG-1-213-111	2-18	SPST	2.2	2.2	55	50	0.2 - 1	W101, W102, W103
JXWBKG-2-213-11	2-18	SP2T	2.4	2.2	60	50	0.2	W201, W202, W203
JXWBKG-3-213-111	2-18	SP3T	2.5	2.2	60	50	0.2	W301, W302
JXWBKG-4-213-11	2-18	SP4T	2.7	2.2	60	50	0.2	W401, W402, W403
JXWBKG-5-213-111	2-18	SP5T	2.8	2.2	60	50	0.2	W501, W502
JXWBKG-6-213-11	2-18	SP6T	3.0	2.2	60	50	0.2	W602, W603
JXWBKG-7-213-111	2-18	SP7T	3.2	2.2	60	50	0.2	W702, W703
JXWBKG-8-213-11	2-18	SP8T	3.5	2.2	60	50	0.2	W802
JXWBKG-1-214-11	2-18	SPS	2.4	2.2	80	50	0.2 - 1	W101, W102, W103
JXWBKG-2-214-111	2-18	SP2T	2.6	2.2	80	50	0.2	W201, W202, W203
JXWBKG-3-214-11	2-18	SP3T	2.7	2.2	80	50	0.2	W301, W302
JXWBKG-4-214-111	2-18	SP4T	2.9	2.2	80	50	0.2	W401, W402, W403
JXWBKG-5-214-11	2-18	SP5T	3.0	2.2	80	50	0.2	W501, W502
JXWBKG-6-214-111	2-18	SP6T	3.2	2.2	80	50	0.2	W602, W603
JXWBKG-7-214-11	2-18	SP7T	3.4	2.2	80	50	0.2	W702, W703
JXWBKG-8-214-111	2-18	SP8T	3.7	2.2	80	50	0.2	W802

Notes: For SPST being used as modulator, package options are X101, X103, X104, and X105.

P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) Max	VSW Max	Isolation (dB) Min	Switching Speed (ns) Max	Power Handling (W) Max	Case
JXWBKG-1-A14-111	0.02-0.5	SPST	1.2	1.5	80	100-500	0.2-1	W101, W102, W103
JXWBKG-2-A14-11	0.02-0.5	SP2T	1.3	1.5	80	100-500	0.2-1	W201, W202, W203
JXWBKG-3-A14-111	0.02-0.5	SP3T	1.4	1.5	80	100-500	0.2-1	W301, W302
JXWBKG-4-A14-11	0.02-0.5	SP4T	1.5	1.5	80	100-500	0.2-1	W401, W402, W403
JXWBKG-5-A14-111	0.02-0.5	SP5T	1.5	1.5	80	100-500	0.2-1	W501, W502
JXWBKG-6-A14-11	0.02-0.5	SP6T	1.6	1.5	80	100-500	0.2-1	W602, W603
JXWBKG-7-A14-111	0.02-0.5	SP7T	1.7	1.5	80	100-500	0.2-1	W702, W703
JXWBKG-8-A14-11	0.02-0.5	SP8T	1.7	1.5	80	100-500	0.2-1	W802
JXWBKG-1-B14-11	0.5-1	SPS	1.3	1.5	80	100	0.2	W101, W102, W103
JXWBKG-2-B14-111	0.5-1	SP2T	1.4	1.5	80	100	0.2	W201, W202, W203
JXWBKG-3-B14-11	0.5-1	SP3T	1.5	1.5	80	100	0.2	W301, W302
JXWBKG-4-B14-111	0.5-1	SP4T	1.6	1.5	80	100	0.2	W401, W402, W403
JXWBKG-5-B14-11	0.5-1	SP5T	1.6	1.5	80	100	0.2	W501, W502
JXWBKG-6-B14-111	0.5-1	SP6T	1.7	1.5	80	100	0.2	W602, W603
JXWBKG-7-B14-11	0.5-1	SP7T	1.8	1.5	80	100	0.2	W702, W703
JXWBKG-8-B14-111	0.5-1	SP8T	1.8	1.5	80	100	0.2	W802
JXWBKG-1-C14-11	1-2	SPS	0.8	1.5	80	50	0.2	W101, W102, W103
JXWBKG-2-C14-111	1-2	SP2T	1.0	1.5	80	50	0.2	W201, W202, W203
JXWBKG-3-C14-11	1-2	SP3T	1.2	1.5	80	50	0.2	W301, W302
JXWBKG-4-C14-111	1-2	SP4T	1.2	1.5	80	50	0.2	W401, W402, W403
JXWBKG-5-C14-11	1-2	SP5T	1.3	1.5	80	50	0.2	W501, W502
JXWBKG-6-C14-111	1-2	SP6T	1.4	1.5	80	50	0.2	W602, W603
JXWBKG-7-C14-11	1-2	SP7T	1.4	1.5	80	50	0.2	W702, W703
JXWBKG-8-C14-111	1-2	SP8T	1.4	1.5	80	50	0.2	W802

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Continued

P/N	Freq. Range (GHz)	Type	Insertion Loss (dB) Max	VSW Max	Isolation (dB) Min	Switching Speed (ns) Max	Power Handling (W) Max	Case
JXWBKG-2-D14-111	2-4	SP2T	1.3	1.5	80	50	0.2	W201, W202, W203
JXWBKG-3-D14-111	2-4	SP3T	1.3	1.5	80	50	0.2	W301, W302
JXWBKG-4-D14-111	2-4	SP4T	1.4	1.5	80	50	0.2	W401, W402, W403
JXWBKG-5-D14-111	2-4	SP5T	1.5	1.5	80	50	0.2	W501, W502
JXWBKG-6-D14-111	2-4	SP6T	1.6	1.5	80	50	0.2	W602, W603
JXWBKG-7-D14-111	2-4	SP7T	1.6	1.5	80	50	0.2	W702, W703
JXWBKG-8-D14-111	2-4	SP8T	1.7	1.5	80	50	0.2	W802
JXWBKG-1-E14-111	4-8	SPS	1.5	1.6	60	50	0.2	W101, W102, W103
JXWBKG-2-E14-111	4-8	SP2T	1.6	1.6	60	50	0.2	W201, W202, W203
JXWBKG-3-E14-111	4-8	SP3T	1.7	1.6	60	50	0.2	W301, W302
JXWBKG-4-E14-111	4-8	SP4T	1.8	1.6	60	50	0.2	W401, W402, W403
JXWBKG-5-E14-111	4-8	SP5T	1.8	1.6	60	50	0.2	W501, W502
JXWBKG-6-E14-111	4-8	SP6T	2.0	1.6	60	50	0.2	W602, W603
JXWBKG-7-E14-111	4-8	SP7T	2.0	1.6	60	50	0.2	W702, W703
JXWBKG-8-E14-111	4-8	SP8T	2.2	1.6	60	50	0.2	W802
JXWBKG-1-F13-111	8-12	SPS	1.8	1.7	60	50	0.2	W101, W102, W103
JXWBKG-2-F13-111	8-12	SP2T	2.0	1.7	60	50	0.2	W201, W202, W203
JXWBKG-3-F13-111	8-12	SP3T	2.0	1.7	60	50	0.2	W301, W302
JXWBKG-4-F13-111	8-12	SP4T	2.1	1.7	60	50	0.2	W401, W402, W403
JXWBKG-5-F13-111	8-12	SP5T	2.1	1.7	60	50	0.2	W501, W502
JXWBKG-6-F13-111	8-12	SP6T	2.3	1.7	60	50	0.2	W602, W603
JXWBKG-7-F13-111	8-12	SP7T	2.5	1.7	60	50	0.2	W702, W703
JXWBKG-1-G13-111	12-18	SPS	2.2	2.0	60	50	0.2	W101, W102, W103
JXWBKG-2-G13-111 <sup>1</sup>	12-18	SP2T <sup>1</sup>	2.5	2.0	60	50	0.2	W201, W202, W203
JXWBKG-3-G13-111	12-18	SP3T	2.6	2.0	60	50	0.2	W301, W302
JXWBKG-4-G13-111 <sup>1</sup>	12-18	SP4T	2.8	2.0	60	50	0.2	W401, W402, W403
JXWBKG-5-G13-111	12-18	SP5T	2.9	2.0	60	50	0.2	W501, W502
JXWBKG-6-G13-111 <sup>1</sup>	12-18	SP6T	3.2	2.0	60	50	0.2	W602, W603
JXWBKG-7-G13-111 <sup>1</sup>	12-18	SP7T	3.3	2.0	60	50	0.2	W702, W703
JXWBKG-1-113-111	0.02-3	SPS	2.2	2.0	60	200	0.2	W101, W102, W103
JXWBKG-2-113-111	0.02-3	SP2T <sup>1</sup>	2.3	2.0	60	200	0.2	W201, W202, W203
JXWBKG-3-113-111	0.02-3	SP3T	2.4	2.0	60	200	0.2	W301, W302
JXWBKG-4-113-111	0.02-3	SP4T	2.5	2.0	60	200	0.2	W401, W402, W403
JXWBKG-5-113-111	0.02-3	SP5T	2.6	2.0	60	200	0.2	W501, W502
JXWBKG-6-113-111	0.02-3	SP6T	2.7	2.0	60	200	0.2	W602, W603
JXWBKG-7-113-111	0.02-3	SP7T	2.8	2.0	60	200	0.2	W702, W703
JXWBKG-8-113-111	0.02-3	SP8T	3.0	2.0	60	200	0.2	W802

- Notes:**
1. Operating Temperature : -55 °C to +85 °C. Storage Temperature : -65 °C to +125 °C.
  2. For SPST being used as modulator, package options are X101, X103, X104, X105
  3. Isolation of the switch may be higher than 110dB, every 20dB the Isolation increases, 0.1-0.2 dB higher the Insertion Loss of each way, other specifications remain the same.
  4. Switching Speed includes the delay time.
  5. The higher the Power Handling, the lower the Switching Speed.