

General Purpose RF Switches

Select Switches Available from Stock for Prototype or High-Volume Production

Tx/Rx WLAN/Bluetooth® (802.11a,b,g,n)

Description	Insertion Loss (dB)	Isolation (dB)	Input IP3 (dBm)	Input P _{1dB} (dBm)	Part Number
SPDT (R)	0.40	23	43	30	AS179-92LF 
SPDT (R)	0.35	24	50	30 (0.5 dB)	SKY13351-378LF 
SPDT (R)	0.55	17	56	37	AS193-73LF
SP3T (R)	0.60	25	50	29	SKY13317-373LF 
DPDT (R)	0.95	22	60	34	SKY13318-321LF 

Smart Energy, Broadband, Cellular Infrastructure, Test & Measurement, Military (COTS)

Description	Frequency (GHz)	Insertion Loss (dB)	Isolation (dB)	Input IP3 (dBm)	Input P _{1dB} (dBm)	Part Number
SPDT (R)	0.0003–2.5	0.3–0.4	25–24	48	30	AS169-73LF
SPDT (R)	0.1–2.5	0.3–0.55	30–17	56	37 (0.1 dB)	SKY13270-92LF
SPDT (A)	0.1–6.0	0.8–1.5	62–42	46	30	SKY13286-359LF 
SPDT (R)	3.0–8.0	0.7–0.9	25–22	47	26	SKY13298-360LF 
SP3T (A)	0.5–2.5	0.9–1.2	62–55	43	30	SKY13277-355LF
SP4T (A)	0.5–3.0	0.4–0.9	45–25	40	26	AS204-80LF

DBS/LNB 4 x 2 Matrix Switch

Description	Frequency (GHz)	Insertion Loss (dB)	Isolation (dB)	Input P _{1dB} (dBm)	Part Number
LNB/DBS (A)	0.25–2.15	7.5–8.5	40–31	15	SKY13272-340LF

UHF/VHF (48–1000 MHz)

Description	Insertion Loss f = 48 MHz (dB)	Isolation f = 48 MHz (dB)	Input P _{1dB} f = 48 MHz (dBm)	Insertion Loss f = 1 GHz (dB)	Isolation f = 1 GHz (dB)	Input P _{1dB} f = 1 GHz (dBm)	Part Number
SPDT (R)	0.15	56	29	0.3	25	34	AS179-92LF 
SPDT (R)	0.2	55	28	0.35	24	30 (0.5 dB)	SKY13351-378LF 
SPDT (R)	0.3	42	38.5 (0.1 dB)	0.4	29	38.5 (0.1 dB)	SKY13299-321LF
SPDT (R)	0.3	44	39.8 (0.8 dB)	0.45	23	40.5 (0.1 dB)	SKY13290-313LF 
SP3T (R)	0.3	49	26	0.45	27	29	SKY13317-373LF 
SP4T (R)	0.3	49	26	0.6	28	30	SKY13322-375LF 
SP4T (R)	0.3	54	41	0.45	24	38 (0.1 dB)	SKY14151-350LF 

 Skyworks Green™ products are compliant to all applicable materials legislation and are halogen-free. For additional information, refer to Skyworks Definition of Green™, document number SQ04-0074.

