

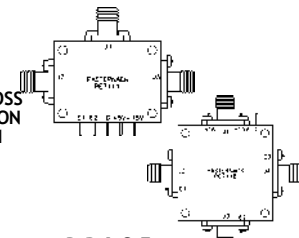
CONTROLS: COAXIAL SWITCHES

SPST
TTL LOGIC 0: LOW LOSS
TTL LOGIC 1: ISOLATION

SPDT
TTL LOGIC 0: LOW LOSS
TTL LOGIC 1: ISOLATION

SP3T
TTL LOGIC 0: LOW LOSS
TTL LOGIC 1: ISOLATION
E1 CONTROLS: J2-J1
E2 CONTROLS: J3-J1
E3 CONTROLS: J4-J1

SP4T
TTL LOGIC 0: LOW LOSS
TTL LOGIC 1: ISOLATION
E1 CONTROLS: J2-J1
E2 CONTROLS: J3-J1
E3 CONTROLS: J4-J1
E4 CONTROLS: J5-J1



ALL CONNECTORS ARE SMA FEMALE
DC BIAS: +5.0 ± 0.5V @ 40mA MAX.
-15.0 ± 3.0V @ 40mA MAX.

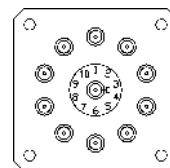
MODEL NO.	FREQUENCY RANGE	SWITCH TYST	INSERTION		ISOLATION (dB MIN)	POWER WATTS (MAX)	P R I C E			
			LOSS (dB MAX)	VSWR (MIN)			1-24	25-49	50-99	100 +
ST7104	10 MHz - 1 GHz	SPST	1.2	1.5	80	2.0	\$1724.25	\$1603.55	\$1482.86	\$1379.40
ST7105	1 GHz - 2 GHz	SPST	0.9	1.5	85	2.0	1263.40	1174.96	1086.52	1010.72
ST7106	1 GHz - 18 GHz	SPST	2.9	2.0	65	0.5	1670.00	1553.10	1436.20	1336.00
ST7107	2 GHz - 4 GHz	SPST	1.1	1.6	75	1.0	1263.40	1174.96	1086.52	1010.72
ST7108	4 GHz - 8 GHz	SPST	1.7	1.6	75	1.0	1335.00	1241.55	1148.10	1068.00
ST7109	8 GHz - 12 GHz	SPST	1.9	1.8	70	1.0	1263.40	1174.96	1086.52	1010.72
ST7110	12 GHz - 18 GHz	SPST	2.8	2.0	65	0.5	1263.40	1174.96	1086.52	1010.72
ST7111	10 MHz - 1 GHz	SPDT	1.3	1.5	80	2.0	1493.85	1389.28	1284.71	1195.08
ST7112	1 GHz - 2 GHz	SPDT	1.0	1.5	85	2.0	1493.85	1389.28	1284.71	1195.08
ST7113	1 GHz - 18 GHz	SPDT	3.1	2.0	65	0.5	1755.00	1632.15	1509.30	1404.00
ST7114	2 GHz - 4 GHz	SPDT	1.2	1.6	75	1.0	1608.50	1495.91	1383.31	1286.80
ST7115	4 GHz - 8 GHz	SPDT	1.8	1.6	75	1.0	1608.50	1495.91	1383.31	1286.80
ST7116	8 GHz - 12 GHz	SPDT	2.0	1.8	70	1.0	2089.95	1943.65	1797.36	1671.96
ST7117	12 GHz - 18 GHz	SPDT	3.0	2.0	65	0.5	1493.85	1389.28	1284.71	1195.08
ST7118	10 MHz - 1 GHz	SP3T	1.4	1.5	80	2.0	1493.85	1389.28	1284.71	1195.08
ST7119	1 GHz - 2 GHz	SP3T	1.1	1.5	85	2.0	1493.85	1389.28	1284.71	1195.08
ST7120	1 GHz - 18 GHz	SP3T	3.3	2.0	65	0.5	1954.65	1817.82	1681.00	1563.72
ST7121	2 GHz - 4 GHz	SP3T	1.3	1.6	75	1.0	1263.40	1174.96	1086.52	1010.72
ST7122	4 GHz - 8 GHz	SP3T	1.9	1.6	75	1.0	1608.50	1495.91	1383.31	1286.80
ST7123	8 GHz - 12 GHz	SP3T	2.2	1.8	70	1.0	1608.50	1495.91	1383.31	1286.80
ST7124	12 GHz - 18 GHz	SP3T	3.2	2.0	65	0.5	1608.50	1495.91	1383.31	1286.80
ST7125	10 MHz - 1 GHz	SP4T	1.5	1.5	80	2.0	1954.65	1817.82	1681.00	1563.72
ST7126	1 GHz - 2 GHz	SP4T	1.2	1.5	85	2.0	1838.95	1710.22	1581.50	1471.16
ST7127	1 GHz - 18 GHz	SP4T	3.5	2.0	65	0.5	2070.40	1925.47	1780.54	1656.32
ST7128	2 GHz - 4 GHz	SP4T	1.4	1.6	75	1.0	1838.95	1710.22	1581.50	1471.16
ST7129	4 GHz - 8 GHz	SP4T	2.0	1.6	75	1.0	2070.40	1925.47	1780.54	1656.32
ST7130	8 GHz - 12 GHz	SP4T	2.4	1.8	70	1.0	1954.65	1817.82	1681.00	1563.72
ST7131	12 GHz - 18 GHz	SP4T	3.4	2.0	65	0.5	1838.95	1710.22	1581.50	1471.16

FEATURES

F = FAILSAFE
H = HOT SWITCHES
I = INDICATORS
L = LATCHING
N = NORMALLY OPEN
P = PULSE LATCHING
S = SELF CUT OFF
T = TERMINATED



RELAY SWITCHES

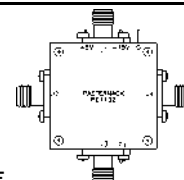


MODEL NO.	FREQUENCY RANGE	SWITCH TYST	FEATURES	CONNECTOR TYST	ACTUATING VOLTAGE	VSWR (MAX)	P R I C E			
							1-24	25-49	50-99	100 +
ST7141	DC - 18 GHz	SPDT	F	SMA	28	1.50	\$278.75	\$259.24	\$239.73	\$223.00
ST7142	DC - 18 GHz	SPDT	F	SMA	12	1.50	278.75	259.24	239.73	223.00
ST7143	DC - 18 GHz	SPDT	I, L, S	SMA	28	1.50	705.30	655.93	606.56	564.24
ST7144	DC - 18 GHz	SPDT	I, L, S	SMA	12	1.50	376.40	350.05	323.70	301.12
ST7145	DC - 18 GHz	SPDT	I, P	SMA	28	1.50	313.45	291.51	269.57	250.76
ST7146	DC - 18 GHz	SPDT	I, P	SMA	12	1.50	345.25	321.08	296.92	276.20
ST7147	DC - 4 GHz	SPDT	F	N	28	1.20	398.05	370.19	342.32	318.44
ST7148	DC - 4 GHz	SPDT	F	N	12	1.20	398.05	370.19	342.32	318.44
ST7149	DC - 8 GHz	SPDT	H, I, P	N	28	1.45	2089.95	1943.65	1797.36	1671.96
ST7150	DC - 18 GHz	SPST	F	SMA	28	1.50	407.50	378.98	350.45	326.00
ST7151	DC - 18 GHz	TRANSFER	I, L, S	SMA	28	1.50	627.85	583.90	539.95	502.28
ST7152	DC - 18 GHz	TRANSFER	I, P	SMA	28	1.50	517.40	481.18	444.96	413.92
ST7153	DC - 4 GHz	TRANSFER	F	N	28	1.20	501.55	466.44	431.33	401.24
ST7154	DC - 18 GHz	DPDT	F, T	SMA	28	1.50	794.90	739.26	683.61	635.92
ST7155	DC - 18 GHz	DPDT	I, P	SMA	28	1.50	731.45	680.25	629.05	585.16
ST7156	DC - 18 GHz	DPDT	I, P, T	SMA	28	1.50	835.95	777.43	718.92	668.76
ST7157	DC - 18 GHz	DPDT	I, P, T, TTL	SMA	28	1.50	888.20	826.03	763.85	710.56
ST7158	DC - 18 GHz	SP4T	N	SMA	28	1.50	590.00	548.70	507.40	472.00
ST7159	DC - 18 GHz	SP6T	N	SMA	28	1.50	857.70	797.66	737.62	686.16
ST7160	DC - 8 GHz	SP10T	N	SMA	28	1.30	2200.00	2046.00	1892.00	1760.00

ALL CONNECTORS ARE SMA FEMALE
DC BIAS: +5.0 ± 0.5V @ 80mA MAX.
-15.0 ± 3.0V @ 80mA MAX.

CONTROLS: TTL LOGIC 0: J1-J2, J3-J4 LOW LOSS
J1-J4, J2-J3 ISOLATION
TTL LOGIC 1: J1-J4, J2-J3 LOW LOSS
J1-J2, J3-J4 ISOLATION

MODEL NO.	FREQUENCY RANGE	INSERTION LOSS (dB MAX)	VSWR (MAX)	ISOLATION (dB MIN)	POWER WATTS (MAX)	P R I C E			
						1-24	25-49	50-99	100 +
ST7132	10 MHz - 1 GHz	1.3	1.5	80	2.0	\$2070.40	\$1925.47	\$1780.54	\$1656.32
ST7133	1 GHz - 2 GHz	1.0	1.5	85	2.0	1838.95	1710.22	1581.50	1471.16
ST7134	1 GHz - 18 GHz	3.1	2.0	65	0.5	2531.25	2354.06	2176.88	2025.00
ST7135	2 GHz - 4 GHz	1.2	1.6	75	1.0	2185.10	2032.14	1879.19	1748.08
ST7136	4 GHz - 8 GHz	1.8	1.6	75	1.0	2300.85	2139.79	1978.73	1840.68
ST7137	8 GHz - 12 GHz	2.0	1.8	70	1.0	2070.40	1925.47	1780.54	1656.32
ST7138	12 GHz - 18 GHz	3.0	2.0	65	0.5	1954.65	1817.82	1681.00	1563.72



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