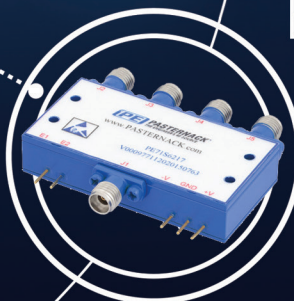




# The Engineer's Immediate RF Source



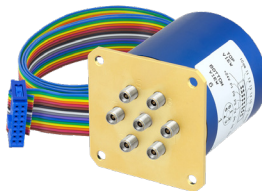
2022  
Electromechanical  
Switches


















# Broad Selection of Ready-to-Ship Electromechanical Switches

Pasternack offers a comprehensive selection of electromechanical relay switches that covers broadband frequencies ranging from DC to 50 GHz. Over 280 models are available in coaxial, waveguide, and SMT packaged configurations that incorporate popular combinations of actuators and features, and offer high reliability performance rated up to 10 million lifecycles. All switch models are classified as EAR99. The designs are uniquely qualified for defense, wireless communications, radar, test instrumentation, and many other applications and industries. These electromechanical relay switches are part of Pasternack's broad offering of RF, microwave and mmWave components and assemblies that are in-stock and available for same-day shipping.



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## 10M Life Cycles Relay Switches

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6085</a> 	SP6T	6 GHz	Normally Open/Non-Terminated	SMA Female	70	0.3	28	70	EAR99
<a href="#">PE71S6052</a> 	SPDT	18 GHz	Failsafe/Non-Terminated	SMA Female	60	0.35	28	100	EAR99
<a href="#">PE71S6053</a> 	SPDT	18 GHz	Failsafe/Non-Terminated	SMA Female	60	0.5	12	100	EAR99
<a href="#">PE71S6054</a> 	SPDT	18 GHz	Latching/Indicators, Self Cut Off, Non-Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6055</a> 	SPDT	18 GHz	Latching/Indicators, Self Cut Off, Non-Terminated	SMA Female	60	0.5	12	100	EAR99
<a href="#">PE71S6335</a> 	SPDT	20 GHz	Latching/Indicators, Self Cut Off, Non-Terminated/Low IL Repeatability	SMA Female	65	0.5	24	1	EAR99
<a href="#">PE71S6337</a> 	SPDT	20 GHz	Latching/Indicators, Self Cut Off, Terminated/Low IL Repeatability	SMA Female	65	0.5	24	1	EAR99
<a href="#">PE71S6336</a> 	SPDT	20 GHz	Latching/Indicators, Self Cut Off, TTL Logic, Non-Terminated/Low IL Repeatability	SMA Female	65	0.5	24	1	EAR99
<a href="#">PE71S6338</a> 	SPDT	20 GHz	Latching/Indicators, Self Cut Off, TTL Logic, Terminated/Low IL Repeatability	SMA Female	65	0.5	24	1	EAR99
<a href="#">PE71S6333</a> 	SP4T	20 GHz	Latching/Indicators, Self Cut Off, Reset, Terminated/Low IL Repeatability	SMA Female	80	0.6	24	70	EAR99
<a href="#">PE71S6341</a> 	SP4T	20 GHz	Latching/Indicators, Self Cut Off, TTL Logic, Reset, Terminated/Low IL Repeatability	SMA Female	80	0.6	24	70	EAR99
<a href="#">PE71S6331</a> 	SP6T	20 GHz	Latching/Indicators, Self Cut Off, Reset, Terminated/Low IL Repeatability	SMA Female	80	0.6	24	70	EAR99
<a href="#">PE71S6339</a> 	SP6T	20 GHz	Latching/Indicators, Self Cut Off, TTL Logic, Reset, Terminated/Low IL Repeatability	SMA Female	80	0.6	24	70	EAR99
<a href="#">PE71S6087</a> 	SP6T	26.5 GHz	Latching/Global Reset, Non-Terminated	SMA Female	55	0.6	28	40	EAR99
<a href="#">PE71S6088</a> 	SP6T	26.5 GHz	Normally Open/TTL Logic, Non-Terminated	SMA Female	55	0.6	28	40	EAR99
















## 10M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6056</a> 	SPDT	40 GHz	Failsafe/Indicators, Non-Terminated	2.92mm Female	50	0.8	28	10	EAR99
<a href="#">PE71S6057</a> 	SPDT	40 GHz	Latching/Indicators, Self Cut Off, Non-Terminated	2.92mm Female	50	0.8	28	10	EAR99













## 5M Life Cycles Relay Switches

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6413</a> 	SPDT	8 GHz	Latching/Hot Switching, Non-Terminated	SMT	40	0.5	12	5	EAR99
<a href="#">PE71S6414</a> 	SPDT	8 GHz	Latching/Hot Switching, Non-Terminated	SMT	40	0.5	24	5	EAR99
<a href="#">PE71S6399</a> 	SPDT	12 GHz	Latching/Indicators, Non-Terminated	N Female	70	0.5	28	200	EAR99
<a href="#">PE71S6349</a> 	SPDT	12 GHz	Latching/Non-Terminated	N Female	70	0.5	12	200	EAR99
<a href="#">PE71S6425</a> 	SPDT	12 GHz	Latching/TTL Logic,	N Female	70	0.5	28	600	EAR99
<a href="#">PE71S6387</a> 	Transfer	12 GHz	Latching/Non-Terminated	N Female	60	0.7	12	200	EAR99
<a href="#">PE71S6390</a> 	Transfer	12 GHz	Latching/Non-Terminated	SMA Female	60	0.3	12	75	EAR99
<a href="#">PE71S6439</a> 	Transfer	12 GHz	Latching/TTL Logic,	N Female	60	0.7	28	600	EAR99
<a href="#">PE71S6461</a> 	DPDT	12 GHz	Latching/Indicators, Self Cut Off, TTL Logic, Non-Terminated	N Female	60	0.7	28	1000	EAR99
<a href="#">PE71S6415</a> 	SPDT	18 GHz	Latching/Hot Switching, Non-Terminated	SMT	40	1	12	3	EAR99
<a href="#">PE71S6416</a> 	SPDT	18 GHz	Latching/Hot Switching, Non-Terminated	SMT	40	1	24	3	EAR99

## 5M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6353</a> 	SPDT	18 GHz	Latching/Indicators, Non-Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6395</a> 	SPDT	18 GHz	Latching/Indicators, Non-Terminated	SMA Female	65	0.35	28	60	EAR99
<a href="#">PE71S6396</a> 	SPDT	18 GHz	Latching/Indicators, Non-Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6406</a> 	SPDT	18 GHz	Latching/Indicators, Terminated	SMA Female	65	0.35	24	60	EAR99
<a href="#">PE71S6407</a> 	SPDT	18 GHz	Latching/Indicators, TTL Logic, Terminated	SMA Female	65	0.35	28	60	EAR99
<a href="#">PE71S6352</a> 	SPDT	18 GHz	Latching/Non-Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6393</a> 	SPDT	18 GHz	Latching/Self Cut Off, Indicators, Non-Terminated	SMA Female	65	0.35	28	60	EAR99
<a href="#">PE71S6394</a> 	SPDT	18 GHz	Latching/Self Cut Off, Indicators, Non-Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6358</a> 	SPDT	18 GHz	Latching/Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6359</a> 	SPDT	18 GHz	Latching/Terminated	SMA Female	65	0.35	28	60	EAR99
<a href="#">PE71S6364</a> 	SP4T	18 GHz	Latching/Terminated	SMA Female	80	0.4	12	60	EAR99
<a href="#">PE71S6365</a> 	SP4T	18 GHz	Latching/Terminated	SMA Female	80	0.4	28	60	EAR99
<a href="#">PE71S6074</a> 	SP4T	18 GHz	Normally Open/Non-Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6077</a> 	SP6T	18 GHz	Latching/Indicators, Self Cut Off, Auto Reset, Diodes, Non-Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6372</a> 	SP6T	18 GHz	Latching/Non-Terminated	SMA Female	80	0.4	28	60	EAR99

## 5M Life Cycles Relay Switches Continued








PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6376</a> 	SP6T	18 GHz	Latching/Terminated	SMA Female	80	0.4	12	60	EAR99
<a href="#">PE71S6377</a> 	SP6T	18 GHz	Latching/Terminated	SMA Female	80	0.5	28	60	EAR99
<a href="#">PE71S6075</a> 	SP6T	18 GHz	Normally Open/Non-Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6402</a> 	Transfer	18 GHz	Latching/Indicators, Non-Terminated	SMA Female	60	0.5	28	60	EAR99
<a href="#">PE71S6401</a> 	Transfer	18 GHz	Latching/Self Cut Off, Indicators, Non-Terminated	SMA Female	60	0.5	28	60	EAR99
<a href="#">PE71S6405</a> 	DP3T	18 GHz	Latching/Indicators, Non-Terminated	SMA Female	65	0.35	28	60	EAR99
<a href="#">PE71S6362</a> 	SP3T	18 GHz	Latching/Non-Terminated	SMA Female	80	0.4	28	60	EAR99
<a href="#">PE71S6417</a> 	SPDT	26.5 GHz	Latching/Hot Switching, Non-Terminated	SMT	40	1.6	12	1	EAR99
<a href="#">PE71S6418</a> 	SPDT	26.5 GHz	Latching/Hot Switching, Non-Terminated	SMT	40	1.6	24	1	EAR99
<a href="#">PE71S6440</a> 	SPDT	26.5 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	SMA Female	50	0.6	28		EAR99
<a href="#">PE71S6441</a> 	SPDT	26.5 GHz	Latching/Self Cut Off, Indicators, TTL Logic, Non-Terminated	SMA Female	50	0.6	12		EAR99
<a href="#">PE71S6442</a> 	SPDT	26.5 GHz	Latching/Self Cut Off, Indicators, TTL Logic, Non-Terminated	SMA Female	50	0.6	28		EAR99
<a href="#">PE71S6471</a> 	SPDT	26.5 GHz	Latching/Self Cut Off, Indicators, TTL Logic, Terminated	SMA Female	40	0.5	12		EAR99
<a href="#">PE71S6470</a> 	SPDT	26.5 GHz	Latching/Self Cut Off, TTL Logic, Terminated	SMA Female	40	0.5	12		EAR99
<a href="#">PE71S6360</a> 	SPDT	26.5 GHz	Latching/Terminated	SMA Female	50	0.6	12	50	EAR99









## 5M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6361</a> 	SPDT	26.5 GHz	Latching/Terminated	SMA Female	50	0.6	28	50	EAR99
<a href="#">PE71S6473</a> 	SP4T	26.5 GHz	Latching/Self Cut Off, Indicators, TTL Logic, Solder Pins, Terminated	SMA Female	70	0.7	12		EAR99
<a href="#">PE71S6474</a> 	SP4T	26.5 GHz	Latching/Self Cut Off, Indicators, TTL Logic, Solder Pins, Terminated	SMA Female	70	0.7	28		EAR99
<a href="#">PE71S6366</a> 	SP4T	26.5 GHz	Latching/Terminated	SMA Female	70	0.7	12	50	EAR99
<a href="#">PE71S6367</a> 	SP4T	26.5 GHz	Latching/Terminated	SMA Female	70	0.7	28	50	EAR99
<a href="#">PE71S6378</a> 	SP6T	26.5 GHz	Latching/Terminated	SMA Female	70	0.7	12	50	EAR99
<a href="#">PE71S6379</a> 	SP6T	26.5 GHz	Latching/Terminated	SMA Female	70	0.7	28	50	EAR99
<a href="#">PE71S6475</a> 	SP6T	26.5 GHz	Normally Open/Indicators, TTL Logic, Solder Pins, Terminated	SMA Female	70	0.7	28		EAR99
<a href="#">PE71S6448</a> 	DPDT	26.5 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	SMA Female	60	0.8	12		EAR99
<a href="#">PE71S6449</a> 	DPDT	26.5 GHz	Latching/Self Cut Off, Indicators, TTL Logic, Non-Terminated	SMA Female	60	0.8	28		EAR99
<a href="#">PE71S6445</a> 	SPDT	40 GHz	Latching/Self Cut Off, Indicators, TTL Logic, Non-Terminated	2.92mm Female	60	0.7	12		EAR99
<a href="#">PE71S6334</a> 	SP4T	40 GHz	Latching/Indicators, Self Cut Off, Reset, Terminated/Low IL Repeatability	2.92mm Female	80	0.5	24	5	EAR99
<a href="#">PE71S6342</a> 	SP4T	40 GHz	Latching/Indicators, Self Cut Off, TTL Logic, Reset, Terminated/Low IL Repeatability	2.92mm Female	80	0.5	24	5	EAR99
<a href="#">PE71S6332</a> 	SP6T	40 GHz	Latching/Indicators, Self Cut Off, Reset, Terminated/Low IL Repeatability	2.92mm Female	80	0.9	24	5	EAR99
<a href="#">PE71S6340</a> 	SP6T	40 GHz	Latching/Indicators, Self Cut Off, TTL Logic, Reset, Terminated/Low IL Repeatability	2.92mm Female	80	0.9	24	5	EAR99

## 2.5M Life Cycles Relay Switches
















PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6070</a> 	Transfer	12.4 GHz	Failsafe/Indicators, Non-Terminated	N Female	60	0.5	28	200	EAR99
<a href="#">PE71S6065</a> 	Transfer	18 GHz	Failsafe/Non-Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6066</a> 	Transfer	18 GHz	Failsafe/Non-Terminated	SMA Female	60	0.5	12	100	EAR99
<a href="#">PE71S6069</a> 	Transfer	18 GHz	Latching/Indicators, Non-Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6067</a> 	Transfer	18 GHz	Latching/Indicators, Self Cut Off, Non-Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6068</a> 	Transfer	18 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Non-Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6071</a> 	Transfer	40 GHz	Latching/Indicators, Self Cut Off, Non-Terminated	2.92mm Female	50	0.8	28	10	EAR99

## 2M Life Cycles Relay Switches
















PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6092</a> 	SPDT	8 GHz	Failsafe/Hot Switching, Non-Terminated	SMT	30	0.8	24	35	EAR99
<a href="#">PE71S6426</a> 	SPDT	10 GHz	Failsafe	N Female	70	0.5	12	600	EAR99
<a href="#">PE71S6435</a> 	SPDT	12 GHz	Failsafe	N Female	70	0.5	12	600	EAR99
<a href="#">PE71S6438</a> 	SPDT	12 GHz	Failsafe	N Female	70	0.5	28	600	EAR99
<a href="#">PE71S6460</a> 	SPDT	12 GHz	Failsafe/Indicators, TTL Logic, Non-Terminated	N Female	70	0.5	12	1000	EAR99
<a href="#">PE71S6348</a> 	SPDT	12 GHz	Failsafe/Non-Terminated	N Female	70	0.5	12	200	EAR99


















## 2M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6397</a> 	SPDT	12 GHz	Failsafe/Non-Terminated	N Female	70	0.5	28	200	EAR99
<a href="#">PE71S6398</a> 	SPDT	12 GHz	Failsafe/Non-Terminated	N Female	70	0.5	12	200	EAR99
<a href="#">PE71S6434</a> 	SP4T	12 GHz	Normally Open	N Female	70	0.5	12	600	EAR99
<a href="#">PE71S6466</a> 	SP4T	12 GHz	Normally Open/Indicators, Solder Pins, TTL Logic, Non-Terminated	N Female	60	0.5	28	1000	EAR99
<a href="#">PE71S6464</a> 	SP4T	12 GHz	Normally Open/Solder Pins, Non-Terminated	N Female	60	0.5	12	1000	EAR99
<a href="#">PE71S6465</a> 	SP6T	12 GHz	Normally Open/Indicators, Solder Pins, TTL Logic, Non-Terminated	N Female	60	0.5	12	1000	EAR99
<a href="#">PE71S6385</a> 	Transfer	12 GHz	Failsafe/Non-Terminated	N Female	60	0.7	28	200	EAR99
<a href="#">PE71S6403</a> 	Transfer	12 GHz	Failsafe/Non-Terminated	N Female	60	0.7	28	200	EAR99
<a href="#">PE71S6386</a> 	Transfer	12 GHz	Failsafe/TTL Logic, Non-Terminated	N Female	60	0.7	28	200	EAR99
<a href="#">PE71S6463</a> 	DPDT	12 GHz	Failsafe/Indicators, TTL Logic, Non-Terminated	N Female	60	0.7	12	1000	EAR99
<a href="#">PE71S6462</a> 	DPDT	12 GHz	Failsafe/Non-Terminated	N Female	60	0.7	12	1000	EAR99
<a href="#">PE71S6072</a> 	SP6T	12.4 GHz	Latching/Indicators, Reset, Non-Terminated	N Female	60	0.5	12	200	EAR99
<a href="#">PE71S6073</a> 	SP6T	12.4 GHz	Latching/Indicators, Reset, Non-Terminated	N Female	60	0.5	28	200	EAR99
<a href="#">PE71S6082</a> 	SP12T	12.4 GHz	Latching/Self Cut Off, Auto Reset, Indicators, Diodes, Terminated	SMA Female	60	0.6	28	120	EAR99
<a href="#">PE71S6429</a> 	SPDT	18 GHz	Failsafe	SMA Female	65	0.6	28	90	EAR99

## 2M Life Cycles Relay Switches Continued
















PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6436</a> 	SPDT	18 GHz	Failsafe	SMA Female	65	0.35	12	90	EAR99
<a href="#">PE71S6351</a> 	SPDT	18 GHz	Failsafe/Indicators, Non-Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6347</a> 	SPDT	18 GHz	Failsafe/Non-Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6391</a> 	SPDT	18 GHz	Failsafe/Non-Terminated	SMA Female	65	0.35	28	60	EAR99
<a href="#">PE71S6392</a> 	SPDT	18 GHz	Failsafe/Non-Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6060</a> 	SPDT	18 GHz	Failsafe/Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6354</a> 	SPDT	18 GHz	Failsafe/Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6355</a> 	SPDT	18 GHz	Failsafe/Terminated	SMA Female	65	0.35	28	60	EAR99
<a href="#">PE71S6404</a> 	SPDT	18 GHz	Failsafe/Terminated	SMA Female	65	0.4	28	60	EAR99
<a href="#">PE71S6350</a> 	SPDT	18 GHz	Failsafe/TTL Logic, Non-Terminated	SMA Female	65	0.35	12	60	EAR99
<a href="#">PE71S6063</a> 	SPDT	18 GHz	Latching/TTL Logic, Terminated	SMA Female	60	0.5	28	100	EAR99
<a href="#">PE71S6363</a> 	SP4T	18 GHz	Normally Open/Non-Terminated	SMA Female	80	0.4	12	60	EAR99
<a href="#">PE71S6408</a> 	SP4T	18 GHz	Normally Open/Non-Terminated	SMA Female	80	0.4	28	60	EAR99
<a href="#">PE71S6368</a> 	SP4T	18 GHz	Normally Open/Terminated	SMA Female	80	0.4	12	60	EAR99
<a href="#">PE71S6369</a> 	SP4T	18 GHz	Normally Open/Terminated	SMA Female	80	0.4	28	60	EAR99

## 2M Life Cycles Relay Switches Continued
















PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6373</a> 	SP6T	18 GHz	Normally Open/Non-Terminated	SMA Female	80	0.4	12	60	EAR99
<a href="#">PE71S6409</a> 	SP6T	18 GHz	Normally Open/Non-Terminated	SMA Female	80	0.4	28	60	EAR99
<a href="#">PE71S6380</a> 	SP6T	18 GHz	Normally Open/Terminated	SMA Female	80	0.4	12	60	EAR99
<a href="#">PE71S6381</a> 	SP6T	18 GHz	Normally Open/Terminated	SMA Female	80	0.4	28	60	EAR99
<a href="#">PE71S6374</a> 	SP6T	18 GHz	Normally Open/TTL Logic, Non-Terminated	SMA Female	80	0.4	12	60	EAR99
<a href="#">PE71S6375</a> 	SP6T	18 GHz	Normally Open/TTL Logic, Non-Terminated	SMA Female	80	0.4	24	60	EAR99
<a href="#">PE71S6080</a> 	SP8T	18 GHz	Latching/Indicators, Reset, Terminated	SMA Female	60	0.6	28	100	EAR99
<a href="#">PE71S6384</a> 	SP8T	18 GHz	Normally Open/Non-Terminated	SMA Female	75	0.5	12	60	EAR99
<a href="#">PE71S6076</a> 	SP10T	18 GHz	Normally Open/Non-Terminated	SMA Female	55	0.7	28	100	EAR99
<a href="#">PE71S6083</a> 	SP12T	18 GHz	Latching/Indicators, Reset, Terminated	SMA Female	50	0.8	28	100	EAR99
<a href="#">PE71S6433</a> 	Transfer	18 GHz	Failsafe	SMA Female	60	0.5	28	90	EAR99
<a href="#">PE71S6388</a> 	Transfer	18 GHz	Failsafe/Non-Terminated	SMA Female	60	0.5	12	60	EAR99
<a href="#">PE71S6389</a> 	Transfer	18 GHz	Failsafe/Non-Terminated	SMA Female	60	0.5	24	60	EAR99
<a href="#">PE71S6400</a> 	Transfer	18 GHz	Failsafe/Non-Terminated	SMA Female	60	0.5	28	90	EAR99
<a href="#">PE71S6410</a> 	SP10T	20 GHz	Normally Open/Non-Terminated	SMA Female	70	0.7	28	60	EAR99



## 2M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6419</a> 	SPDT	26.5 GHz	Failsafe	SMA Female	50	0.6	28	90	EAR99
<a href="#">PE71S6420</a> 	SPDT	26.5 GHz	Failsafe	SMA Female	50	0.6	12	90	EAR99
<a href="#">PE71S6421</a> 	SPDT	26.5 GHz	Failsafe	SMA Female	50	0.6	28	90	EAR99
<a href="#">PE71S6430</a> 	SPDT	26.5 GHz	Failsafe	SMA Female	50	0.6	24	90	EAR99
<a href="#">PE71S6468</a> 	SPDT	26.5 GHz	Failsafe/Indicators, TTL Logic, Terminated	SMA Female	50	0.6	12		EAR99
<a href="#">PE71S6469</a> 	SPDT	26.5 GHz	Failsafe/Indicators, TTL Logic, Terminated	SMA Female	50	0.6	28		EAR99
<a href="#">PE71S6356</a> 	SPDT	26.5 GHz	Failsafe/Terminated	SMA Female	50	0.6	12	50	EAR99
<a href="#">PE71S6357</a> 	SPDT	26.5 GHz	Failsafe/Terminated	SMA Female	50	0.6	28	50	EAR99
<a href="#">PE71S6467</a> 	SPDT	26.5 GHz	Failsafe/Terminated	SMA Female	50	0.6	28		EAR99
<a href="#">PE71S6422</a> 	SPDT	26.5 GHz	Failsafe/TTL Logic,	SMA Female	50	0.6	28	90	EAR99
<a href="#">PE71S6437</a> 	SPDT	26.5 GHz	Failsafe/TTL Logic,	SMA Female	50	0.6	12	90	EAR99
<a href="#">PE71S6472</a> 	SP4T	26.5 GHz	Normally Open/Indicators, TTL Logic, Solder Pins, Terminated	SMA Female	70	0.7	12		EAR99
<a href="#">PE71S6452</a> 	SP4T	26.5 GHz	Normally Open/Solder Pins, Non-Terminated	SMA Female	70	0.7	12		EAR99
<a href="#">PE71S6453</a> 	SP4T	26.5 GHz	Normally Open/Solder Pins, Non-Terminated	SMA Female	70	0.7	28		EAR99
<a href="#">PE71S6370</a> 	SP4T	26.5 GHz	Normally Open/Terminated	SMA Female	70	0.7	12	50	EAR99

## 2M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6371</a> 	SP4T	26.5 GHz	Normally Open/Terminated	SMA Female	70	0.7	28	50	EAR99
<a href="#">PE71S6423</a> 	SP4T	26.5 GHz	Normally Open/TTL Logic,	SMA Female	70	0.7	12	90	EAR99
<a href="#">PE71S6424</a> 	SP4T	26.5 GHz	Normally Open/TTL Logic,	SMA Female	70	0.7	28	90	EAR99
<a href="#">PE71S6427</a> 	SP6T	26.5 GHz	Failsafe/TTL Logic,	SMA Female	50	0.6	12	90	EAR99
<a href="#">PE71S6428</a> 	SP6T	26.5 GHz	Failsafe/TTL Logic,	SMA Female	70	0.6	12	90	EAR99
<a href="#">PE71S6079</a> 	SP6T	26.5 GHz	Latching/Self Cut Off, Reset, Diodes, Terminated	SMA Female	50	0.7	28	40	EAR99
<a href="#">PE71S6454</a> 	SP6T	26.5 GHz	Normally Open/Indicators, Solder Pins, TTL Logic, Non-Terminated	SMA Female	70	0.7	12		EAR99
<a href="#">PE71S6455</a> 	SP6T	26.5 GHz	Normally Open/Indicators, Solder Pins, TTL Logic, Non-Terminated	SMA Female	70	0.7	28		EAR99
<a href="#">PE71S6382</a> 	SP6T	26.5 GHz	Normally Open/Terminated	SMA Female	70	0.7	12	50	EAR99
<a href="#">PE71S6383</a> 	SP6T	26.5 GHz	Normally Open/Terminated	SMA Female	70	0.7	28	50	EAR99
<a href="#">PE71S6446</a> 	DPDT	26.5 GHz	Failsafe/Indicators, TTL Logic, Non-Terminated	SMA Female	60	0.8	12		EAR99
<a href="#">PE71S6447</a> 	DPDT	26.5 GHz	Failsafe/Indicators, TTL Logic, Non-Terminated	SMA Female	60	0.8	28		EAR99
<a href="#">PE71S6444</a> 	SPDT	40 GHz	Failsafe/Indicators, TTL Logic, Non-Terminated	2.92mm Female	60	0.7	12		EAR99
<a href="#">PE71S6443</a> 	SPDT	40 GHz	Failsafe/Non-Terminated	2.92mm Female	60	0.7	12		EAR99
<a href="#">PE71S6064</a> 	SPDT	40 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Terminated	2.92mm Female	50	0.8	28	10	EAR99

## 2M Life Cycles Relay Switches Continued









PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6431</a> 	SP4T	40 GHz	Normally Open	2.92mm Female	50	0.6	28	90	EAR99
<a href="#">PE71S6456</a> 	SP4T	40 GHz	Normally Open/Indicators, TTL Logic, Non-Terminated	2.92mm Female	50	1.3	12		EAR99
<a href="#">PE71S6457</a> 	SP4T	40 GHz	Normally Open/Indicators, TTL Logic, Non-Terminated	2.92mm Female	60	1.1	28		EAR99
<a href="#">PE71S6084</a> 	SP6T	40 GHz	Latching/Indicators, Reset, Terminated	2.92mm Female	50	1.1	28	5	EAR99
<a href="#">PE71S6078</a> 	SP6T	40 GHz	Latching/Self Cut Off, Reset, Diodes, Non-Terminated	2.92mm Female	50	1.1	28	5	EAR99
<a href="#">PE71S6459</a> 	SP6T	40 GHz	Normally Open/+ COM, Non-Terminated	2.92mm Female	60	1.1	28		EAR99
<a href="#">PE71S6458</a> 	SP6T	40 GHz	Normally Open/Indicators, TTL Logic, Non-Terminated	2.92mm Female	50	1.3	12		EAR99
<a href="#">PE71S6432</a> 	Transfer	40 GHz	Failsafe	2.92mm Female	50	0.6	12	90	EAR99
<a href="#">PE71S6451</a> 	DPDT	40 GHz	Failsafe/Indicators, TTL Logic, Non-Terminated	2.92mm Female	50	1	12		EAR99
<a href="#">PE71S6450</a> 	DPDT	40 GHz	Failsafe/Non-Terminated	2.92mm Female	50	1	28		EAR99
<a href="#">PE71S6476</a> 	DPDT	40 GHz	Failsafe/Non-Terminated	2.92mm Female	50	1	12		EAR99
<a href="#">PE71S6329</a> 	SPDT	50 GHz	Failsafe/Non-Terminated	2.4mm Female	60	0.3	28	80	EAR99
<a href="#">PE71S6330</a> 	SPDT	50 GHz	Latching/Non-Terminated	2.4mm Female	60	1.1	28	80	EAR99


















## 1M Life Cycles Relay Switches

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6207</a> 	SP6T	8 GHz	Normally Open/Non-Terminated	TNC Female	60	0.6	28	50	EAR99
<a href="#">PE71S6200</a> 	SPDT	10 GHz	Failsafe/Indicators, TTL Logic, Diodes, Non-Terminated	TNC Female	60	0.6	12	50	EAR99
<a href="#">PE71S6199</a> 	SPDT	10 GHz	Failsafe/Non-Terminated	TNC Female	60	0.6	28	50	EAR99
<a href="#">PE71S6184</a> 	SP4T	10 GHz	Normally Open/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.6	12	50	EAR99
<a href="#">PE71S6185</a> 	SP4T	10 GHz	Normally Open/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.6	28	50	EAR99
<a href="#">PE71S6192</a> 	SP4T	10 GHz	Normally Open/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.6	12	160	EAR99
<a href="#">PE71S6183</a> 	SP4T	10 GHz	Normally Open/Non-Terminated	N Female	60	0.6	28	50	EAR99
<a href="#">PE71S6189</a> 	SP6T	10 GHz	Normally Open/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.6	28	50	EAR99
<a href="#">PE71S6196</a> 	SP6T	10 GHz	Normally Open/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.6	12	160	EAR99
<a href="#">PE71S6197</a> 	SP6T	10 GHz	Normally Open/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.6	28	160	EAR99
<a href="#">PE71S6186</a> 	SP6T	10 GHz	Normally Open/Non-Terminated	N Female	60	0.6	12	50	EAR99
<a href="#">PE71S6187</a> 	SP6T	10 GHz	Normally Open/Non-Terminated	N Female	60	0.6	28	50	EAR99
<a href="#">PE71S6194</a> 	SP6T	10 GHz	Normally Open/Non-Terminated	N Female	60	0.6	12	160	EAR99
<a href="#">PE71S6160</a> 	SPDT	12.4 GHz	Failsafe/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.6	12	160	EAR99
<a href="#">PE71S6161</a> 	SPDT	12.4 GHz	Failsafe/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.6	28	160	EAR99

## 1M Life Cycles Relay Switches Continued









PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6058</a> 	SPDT	12.4 GHz	Failsafe/Non-Terminated	N Female	60	0.5	28	200	EAR99
<a href="#">PE71S6059</a> 	SPDT	12.4 GHz	Failsafe/Non-Terminated	N Female	60	0.5	12	200	EAR99
<a href="#">PE71S6150</a> 	SPDT	12.4 GHz	Failsafe/Non-Terminated	N Female	60	0.6	12	50	EAR99
<a href="#">PE71S6158</a> 	SPDT	12.4 GHz	Failsafe/Non-Terminated	N Female	60	0.6	12	160	EAR99
<a href="#">PE71S6159</a> 	SPDT	12.4 GHz	Failsafe/Non-Terminated	N Female	60	0.6	28	160	EAR99
<a href="#">PE71S6156</a> 	SPDT	12.4 GHz	Latching/Indicators, TTL Logic, Diodes, Self Cut Off, Non-Terminated	N Female	60	0.5	12	50	EAR99
<a href="#">PE71S6157</a> 	SPDT	12.4 GHz	Latching/Indicators, TTL Logic, Diodes, Self Cut Off, Non-Terminated	N Female	60	0.6	28	50	EAR99
<a href="#">PE71S6164</a> 	SPDT	12.4 GHz	Latching/Indicators, TTL Logic, Diodes, Self Cut Off, Non-Terminated	N Female	60	0.6	12	160	EAR99
<a href="#">PE71S6155</a> 	SPDT	12.4 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	N Female	60	0.6	28	50	EAR99
<a href="#">PE71S6162</a> 	SPDT	12.4 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	N Female	60	0.6	12	160	EAR99
<a href="#">PE71S6163</a> 	SPDT	12.4 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	N Female	60	0.6	28	160	EAR99
<a href="#">PE71S6168</a> 	Transfer	12.4 GHz	Failsafe/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.4	12	50	EAR99
<a href="#">PE71S6169</a> 	Transfer	12.4 GHz	Failsafe/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.4	28	50	EAR99
<a href="#">PE71S6177</a> 	Transfer	12.4 GHz	Failsafe/Indicators, TTL Logic, Diodes, Non-Terminated	N Female	60	0.4	28	160	EAR99
<a href="#">PE71S6204</a> 	Transfer	12.4 GHz	Failsafe/Indicators, TTL Logic, Diodes, Non-Terminated	TNC Female	60	0.6	12	50	EAR99

## 1M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6205</a> 	Transfer	12.4 GHz	Failsafe/Indicators, TTL Logic, Diodes, Non-Terminated	TNC Female	60	0.6	28	50	EAR99
<a href="#">PE71S6166</a> 	Transfer	12.4 GHz	Failsafe/Non-Terminated	N Female	60	0.4	12	50	EAR99
<a href="#">PE71S6167</a> 	Transfer	12.4 GHz	Failsafe/Non-Terminated	N Female	60	0.4	28	50	EAR99
<a href="#">PE71S6175</a> 	Transfer	12.4 GHz	Failsafe/Non-Terminated	N Female	60	0.4	28	160	EAR99
<a href="#">PE71S6202</a> 	Transfer	12.4 GHz	Failsafe/Non-Terminated	TNC Female	60	0.6	12	50	EAR99
<a href="#">PE71S6203</a> 	Transfer	12.4 GHz	Failsafe/Non-Terminated	TNC Female	60	0.6	28	50	EAR99
<a href="#">PE71S6172</a> 	Transfer	12.4 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Non-Terminated	N Female	60	0.4	12	50	EAR99
<a href="#">PE71S6180</a> 	Transfer	12.4 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Non-Terminated	N Female	60	0.4	12	160	EAR99
<a href="#">PE71S6181</a> 	Transfer	12.4 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Non-Terminated	N Female	60	0.4	28	160	EAR99
<a href="#">PE71S6170</a> 	Transfer	12.4 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	N Female	60	0.4	12	50	EAR99
<a href="#">PE71S6171</a> 	Transfer	12.4 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	N Female	60	0.4	28	50	EAR99
<a href="#">PE71S6178</a> 	Transfer	12.4 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	N Female	60	0.4	12	160	EAR99
<a href="#">PE71S6179</a> 	Transfer	12.4 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	N Female	60	0.4	28	160	EAR99
<a href="#">PE71S6293</a> 	SPDT	22 GHz	Failsafe/Terminated	SMA Female	60	0.6	12	20	EAR99
<a href="#">PE71S6300</a> 	SPDT	22 GHz	Latching/Self Cut Off, Diodes, TTL Logic, Indicators, Terminated	SMA Female	60	0.6	28	20	EAR99




## 1M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6298</a> 	SPDT	22 GHz	Latching/Self Cut Off, Diodes, TTL Logic, Terminated	SMA Female	60	0.6	28	20	EAR99
<a href="#">PE71S6306</a> 	SP4T	22 GHz	Latching/Self Cut Off, Diodes, Terminated	SMA Female	60	0.6	28	20	EAR99
<a href="#">PE71S6302</a> 	SP4T	22 GHz	Normally Open/Indicators, Terminated	SMA Female	60	0.6	28	20	EAR99
<a href="#">PE71S6304</a> 	SP4T	22 GHz	Normally Open/Indicators, TTL Logic, Diodes, Terminated	SMA Female	60	0.6	28	20	EAR99
<a href="#">PE71S6301</a> 	SP4T	22 GHz	Normally Open/Terminated	SMA Female	60	0.6	12	20	EAR99
<a href="#">PE71S6315</a> 	SP6T	22 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Terminated	SMA Female	60	0.6	12	20	EAR99
<a href="#">PE71S6316</a> 	SP6T	22 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Terminated	SMA Female	60	0.6	28	20	EAR99
<a href="#">PE71S6313</a> 	SP6T	22 GHz	Latching/Self Cut Off, Diodes, Terminated	SMA Female	60	0.6	12	20	EAR99
<a href="#">PE71S6314</a> 	SP6T	22 GHz	Latching/Self Cut Off, Diodes, Terminated	SMA Female	60	0.6	28	20	EAR99
<a href="#">PE71S6130</a> 	SP6T	22 GHz	Normally Open/Non-Terminated	SMA Female	60	0.6	12	20	EAR99
<a href="#">PE71S6131</a> 	SP6T	22 GHz	Normally Open/Non-Terminated	SMA Female	60	0.6	28	20	EAR99
<a href="#">PE71S6309</a> 	SP6T	22 GHz	Normally Open/Terminated	SMA Female	60	0.6	12	20	EAR99
<a href="#">PE71S6310</a> 	SP6T	22 GHz	Normally Open/Terminated	SMA Female	60	0.6	28	20	EAR99
<a href="#">PE71S6098</a> 	SPDT	26.5 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	SMA Female	50	0.5	12	20	EAR99
<a href="#">PE71S6110</a> 	Transfer	26.5 GHz	Failsafe/Non-Terminated	SMA Female	60	0.5	12	20	EAR99





## 1M Life Cycles Relay Switches Continued

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6103</a> 	SPDT	40 GHz	Failsafe/Non-Terminated	2.92mm Female	50	0.8	28	10	EAR99
<a href="#">PE71S6109</a> 	SPDT	40 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Non-Terminated	2.92mm Female	55	0.8	28	10	EAR99
<a href="#">PE71S6106</a> 	SPDT	40 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	2.92mm Female	50	0.9	12	5	EAR99
<a href="#">PE71S6140</a> 	SP4T	40 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Non-Terminated	2.92mm Female	50	1	12	5	EAR99
<a href="#">PE71S6319</a> 	SP4T	40 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Terminated	2.92mm Female	50	1	12	3	EAR99
<a href="#">PE71S6320</a> 	SP4T	40 GHz	Latching/Indicators, TTL Logic, Self Cut Off, Diodes, Terminated	2.92mm Female	50	1	28	3	EAR99
<a href="#">PE71S6318</a> 	SP4T	40 GHz	Latching/Self Cut Off, Diodes, Reset, Terminated	2.92mm Female	50	1	28	3	EAR99
<a href="#">PE71S6317</a> 	SP4T	40 GHz	Latching/Self Cut Off, Diodes, Terminated	2.92mm Female	50	1	12	3	EAR99
<a href="#">PE71S6137</a> 	SP4T	40 GHz	Normally Open/Indicators, TTL Logic, Diodes, Non-Terminated	2.92mm Female	50	0.9	28	3	EAR99
<a href="#">PE71S6321</a> 	SP6T	40 GHz	Latching/Self Cut Off, Indicators, Reset, Terminated	2.92mm Female	60	1	12	3	EAR99
<a href="#">PE71S6322</a> 	SP6T	40 GHz	Latching/Self Cut Off, Indicators, Reset, Terminated	2.92mm Female	60	1	28	3	EAR99
<a href="#">PE71S6323</a> 	SP6T	40 GHz	Latching/Self Cut Off, TTL Logic, Indicators, Reset, Terminated	2.92mm Female	60	1	12	3	EAR99
<a href="#">PE71S6324</a> 	SP6T	40 GHz	Latching/Self Cut Off, TTL Logic, Indicators, Reset, Terminated	2.92mm Female	60	1	28	3	EAR99
<a href="#">PE71S6143</a> 	SP6T	40 GHz	Normally Open/Non-Terminated	2.92mm Female	50	1	28	3	EAR99
<a href="#">PE71S6122</a> 	Transfer	40 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	2.92mm Female	50	0.9	12	5	EAR99

## 1M Life Cycles Relay Switches Continued







PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE71S6123</a> 	Transfer	40 GHz	Latching/Self Cut Off, Diodes, Non-Terminated	2.92mm Female	50	0.9	28	5	EAR99

## RF Relay A/B Coax Switches

PE P/N	Switch Type	Frequency (DC to X GHz)	Actuator / Features	Connector Type	Isolation dB (min)	Insertion Loss dB (max)	Operating Voltage (Vdc)	RF Power (Watts CW)	ECCN
<a href="#">PE7100</a> 	A/B Coaxial	1,000 MHz		BNC Female	50	0.7	12	5	EAR99
<a href="#">PE7102</a> 	A/B Coaxial	1,000 MHz		N Female	50	0.7	12	5	EAR99
<a href="#">PE7103</a> 	A/B Coaxial 75 Ohm	1,000 MHz		N Female	50	0.7	12	5	EAR99
<a href="#">PE7176</a> 	A/B Coaxial 75 Ohm	1,000 MHz		BNC Female	50	0.7	12	10	EAR99
















## Waveguides

### Waveguide Electromechanical Relay Switches





PE P/N	Waveguide Type	Switch Type	RF Freq. Range (GHz)	Actuator/Features	Insertion Loss (dB)	Isolation (dB)	DC Power (Volts)	Power Rating (Watts)	ECCN	ECCN
<a href="#">PEWGS6058</a> 	WR-28	SPDT/DPDT	26.5 - 40	FailsafeTTL Logic, Window Indicator, Manual Override	0.15	55	12	550	Yes	EAR99
<a href="#">PEWGS6059</a> 	WR-28	SPDT/DPDT	26.5 - 40	FailsafeTTL Logic, Window Indicator, Manual Override	0.15	55	28	550	Yes	EAR99
<a href="#">PEWGS6056</a> 	WR-28	SPDT/DPDT	26.5 - 40	FailsafeWindow Indicator, Manual Override	0.15	55	12	550	Yes	EAR99
<a href="#">PEWGS6057</a> 	WR-28	SPDT/DPDT	26.5 - 40	FailsafeWindow Indicator, Manual Override	0.15	55	28	550	Yes	EAR99
<a href="#">PEWGS6002</a> 	WR-28	SPDT	26.5 - 40	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.15	55	12	550	Yes	EAR99
<a href="#">PEWGS6000</a> 	WR-28	SPDT	26.5 - 40	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.15	55	28	550	Yes	EAR99


















## Waveguide Electromechanical Relay Switches Continued

PE P/N	Waveguide Type	Switch Type	RF Freq. Range (GHz)	Actuator/Features	Insertion Loss (dB)	Isolation (dB)	DC Power (Volts)	Power Rating (Watts)	ECCN	ECCN
<a href="#">PEWGS6003</a> 	WR-28	SPDT	26.5 - 40	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.15	55	12	550	Yes	EAR99
<a href="#">PEWGS6001</a> 	WR-28	SPDT	26.5 - 40	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.15	55	28	550	Yes	EAR99
<a href="#">PEWGS6042</a> 	WR-34	SPDT/DPDT	22 - 33	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.15	60	12	620	Yes	EAR99
<a href="#">PEWGS6040</a> 	WR-34	SPDT/DPDT	22 - 33	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.15	60	28	620	Yes	EAR99
<a href="#">PEWGS6043</a> 	WR-34	SPDT/DPDT	22 - 33	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.15	60	12	620	Yes	EAR99
<a href="#">PEWGS6041</a> 	WR-34	SPDT/DPDT	22 - 33	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.15	60	28	620	Yes	EAR99
<a href="#">PEWGS6006</a> 	WR-42	SPDT	18 - 26.5	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.15	60	12	800	Yes	EAR99
<a href="#">PEWGS6004</a> 	WR-42	SPDT	18 - 26.5	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.15	60	28	800	Yes	EAR99
<a href="#">PEWGS6007</a> 	WR-42	SPDT	18 - 26.5	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.15	60	12	800	Yes	EAR99
<a href="#">PEWGS6005</a> 	WR-42	SPDT	18 - 26.5	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.15	60	28	800	Yes	EAR99
<a href="#">PEWGS6010</a> 	WR-62	SPDT	12.4 - 18	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.1	60	12	2,000	Yes	EAR99
<a href="#">PEWGS6008</a> 	WR-62	SPDT	12.4 - 18	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.1	60	28	2,000	Yes	EAR99
<a href="#">PEWGS6011</a> 	WR-62	SPDT	12.4 - 18	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.1	60	12	2,000	Yes	EAR99
<a href="#">PEWGS6009</a> 	WR-62	SPDT	12.4 - 18	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.1	60	28	2,000	Yes	EAR99
<a href="#">PEWGS6014</a> 	WR-75	SPDT	10 - 15	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.05	75	12	3,500	Yes	EAR99









## Waveguide Electromechanical Relay Switches Continued

PE P/N	Waveguide Type	Switch Type	RF Freq. Range (GHz)	Actuator/Features	Insertion Loss (dB)	Isolation (dB)	DC Power (Volts)	Power Rating (Watts)	ECCN	ECCN
<a href="#">PEWGS6012</a> 	WR-75	SPDT	10 - 15	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.05	75	28	3,500	Yes	EAR99
<a href="#">PEWGS6015</a> 	WR-75	SPDT	10 - 15	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.05	75	12	3,500	Yes	EAR99
<a href="#">PEWGS6013</a> 	WR-75	SPDT	10 - 15	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.05	75	28	3,500	Yes	EAR99
<a href="#">PEWGS6062</a> 	WR-90	SPDT/DPDT	8.2 - 12.4	FailsafeTTL Logic, Window Indicator, Manual Override	0.07	80	12	5,000	Yes	EAR99
<a href="#">PEWGS6066</a> 	WR-90	SPDT/DPDT	8.2 - 12.4	FailsafeTTL Logic, Window Indicator, Manual Override	0.07	80	12	5,000	Yes	EAR99
<a href="#">PEWGS6063</a> 	WR-90	SPDT/DPDT	8.2 - 12.4	FailsafeTTL Logic, Window Indicator, Manual Override	0.07	80	28	5,000	Yes	EAR99
<a href="#">PEWGS6067</a> 	WR-90	SPDT/DPDT	8.2 - 12.4	FailsafeTTL Logic, Window Indicator, Manual Override	0.07	80	28	5,000	Yes	EAR99
<a href="#">PEWGS6060</a> 	WR-90	SPDT/DPDT	8.2 - 12.4	FailsafeWindow Indicator, Manual Override	0.07	80	12	5,000	Yes	EAR99
<a href="#">PEWGS6064</a> 	WR-90	SPDT/DPDT	8.2 - 12.4	FailsafeWindow Indicator, Manual Override	0.07	80	12	5,000	Yes	EAR99
<a href="#">PEWGS6061</a> 	WR-90	SPDT/DPDT	8.2 - 12.4	FailsafeWindow Indicator, Manual Override	0.07	80	28	5,000	Yes	EAR99
<a href="#">PEWGS6065</a> 	WR-90	SPDT/DPDT	8.2 - 12.4	FailsafeWindow Indicator, Manual Override	0.07	80	28	5,000	Yes	EAR99
<a href="#">PEWGS6018</a> 	WR-90	SPDT	8.2 - 12.4	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.07	80	12	5,000	Yes	EAR99
<a href="#">PEWGS6016</a> 	WR-90	SPDT	8.2 - 12.4	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.07	80	28	5,000	Yes	EAR99
<a href="#">PEWGS6019</a> 	WR-90	SPDT	8.2 - 12.4	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.07	80	12	5,000	Yes	EAR99
<a href="#">PEWGS6017</a> 	WR-90	SPDT	8.2 - 12.4	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.07	80	28	5,000	Yes	EAR99





## Waveguide Electromechanical Relay Switches Continued

PE P/N	Waveguide Type	Switch Type	RF Freq. Range (GHz)	Actuator/Features	Insertion Loss (dB)	Isolation (dB)	DC Power (Volts)	Power Rating (Watts)	ECCN	ECCN
<a href="#">PEWGS6038</a> 	WR-102	SPDT/DPDT	7 - 11	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.06	80	12	6,000	Yes	EAR99
<a href="#">PEWGS6036</a> 	WR-102	SPDT/DPDT	7 - 11	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.06	80	28	6,000	Yes	EAR99
<a href="#">PEWGS6039</a> 	WR-102	SPDT/DPDT	7 - 11	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.06	80	12	6,000	Yes	EAR99
<a href="#">PEWGS6037</a> 	WR-102	SPDT/DPDT	7 - 11	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.06	80	28	6,000	Yes	EAR99
<a href="#">PEWGS6070</a> 	WR-112	SPDT/DPDT	7.05 - 10	FailsafeTTL Logic, Window Indicator, Manual Override	0.05	80	12	7,000	Yes	EAR99
<a href="#">PEWGS6071</a> 	WR-112	SPDT/DPDT	7.05 - 10	FailsafeTTL Logic, Window Indicator, Manual Override	0.05	80	28	7,000	Yes	EAR99
<a href="#">PEWGS6068</a> 	WR-112	SPDT/DPDT	7.05 - 10	FailsafeWindow Indicator, Manual Override	0.05	80	12	7,000	Yes	EAR99
<a href="#">PEWGS6069</a> 	WR-112	SPDT/DPDT	7.05 - 10	FailsafeWindow Indicator, Manual Override	0.05	80	28	7,000	Yes	EAR99
<a href="#">PEWGS6022</a> 	WR-112	SPDT	7.05 - 10	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.05	80	12	7,000	Yes	EAR99
<a href="#">PEWGS6020</a> 	WR-112	SPDT	7.05 - 10	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.05	80	28	7,000	Yes	EAR99
<a href="#">PEWGS6023</a> 	WR-112	SPDT	7.05 - 10	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.05	80	12	7,000	Yes	EAR99
<a href="#">PEWGS6021</a> 	WR-112	SPDT	7.05 - 10	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.05	80	28	7,000	Yes	EAR99
<a href="#">PEWGS6026</a> 	WR-137	SPDT	5.85 - 8.2	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.02	70	12	12,000	Yes	EAR99
<a href="#">PEWGS6024</a> 	WR-137	SPDT	5.85 - 8.2	Break Before Make, Latching, Self Cut Off, Window Indicator, Manual Override	0.02	70	28	12,000	Yes	EAR99
<a href="#">PEWGS6027</a> 	WR-137	SPDT	5.85 - 8.2	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.02	70	12	12,000	Yes	EAR99








## Waveguide Electromechanical Relay Switches Continued

PE P/N	Waveguide Type	Switch Type	RF Freq. Range (GHz)	Actuator/Features	Insertion Loss (dB)	Isolation (dB)	DC Power (Volts)	Power Rating (Watts)	ECCN	ECCN
<a href="#">PEWGS6025</a> 	WR-137	SPDT	5.85 - 8.2	Break Before Make, Latching, TTL Logic, Self Cut Off, Window Indicator, Manual Override	0.02	70	28	12,000	Yes	EAR99
<a href="#">PEWGS6034</a> 	WR-159	SPDT/DPDT	4.9 - 7.05	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.06	70	12	12,000	Yes	EAR99
<a href="#">PEWGS6032</a> 	WR-159	SPDT/DPDT	4.9 - 7.05	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.06	70	28	12,000	Yes	EAR99
<a href="#">PEWGS6035</a> 	WR-159	SPDT/DPDT	4.9 - 7.05	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.06	70	12	12,000	Yes	EAR99
<a href="#">PEWGS6033</a> 	WR-159	SPDT/DPDT	4.9 - 7.05	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.06	70	28	12,000	Yes	EAR99
<a href="#">PEWGS6030</a> 	WR-187	SPDT/DPDT	3.95 - 5.85	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.02	80	12	22,000	Yes	EAR99
<a href="#">PEWGS6028</a> 	WR-187	SPDT/DPDT	3.95 - 5.85	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.02	80	28	22,000	Yes	EAR99
<a href="#">PEWGS6031</a> 	WR-187	SPDT/DPDT	3.95 - 5.85	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.002	80	12	22,000	Yes	EAR99
<a href="#">PEWGS6029</a> 	WR-187	SPDT/DPDT	3.95 - 5.85	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.02	80	28	22,000	Yes	EAR99



## Double Ridge Waveguide Electromechanical Relay Switches

PE P/N	Waveguide Type	Switch Type	RF Freq. Range (GHz)	Actuator/Features	Insertion Loss (dB)	Isolation (dB)	DC Power (Volts)	Power Rating (Watts)	ECCN	ECCN
<a href="#">PEWGS6054</a> 	WRD-180	SPDT/DPDT	18 - 40	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.4	50	12	2,000	Yes	EAR99
<a href="#">PEWGS6052</a> 	WRD-180	SPDT/DPDT	18 - 40	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.4	50	28	2,000	Yes	EAR99
<a href="#">PEWGS6055</a> 	WRD-180	SPDT/DPDT	18 - 40	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.4	50	12	2,000	Yes	EAR99
<a href="#">PEWGS6053</a> 	WRD-180	SPDT/DPDT	18 - 40	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.4	50	28	2,000	Yes	EAR99

## Waveguide Electromechanical Relay Switches Continued

PE P/N	Waveguide Type	Switch Type	RF Freq. Range (GHz)	Actuator/Features	Insertion Loss (dB)	Isolation (dB)	DC Power (Volts)	Power Rating (Watts)	ECCN	ECCN
<a href="#">PEWGS6046</a> 	WRD-650	SPDT/DPDT	6.5 - 18	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.35	60	12	8,500	Yes	EAR99
<a href="#">PEWGS6044</a> 	WRD-650	SPDT/DPDT	6.5 - 18	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.35	60	28	8,500	Yes	EAR99
<a href="#">PEWGS6047</a> 	WRD-650	SPDT/DPDT	6.5 - 18	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.35	60	12	8,500	Yes	EAR99
<a href="#">PEWGS6045</a> 	WRD-650	SPDT/DPDT	6.5 - 18	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.35	60	28	8,500	Yes	EAR99
<a href="#">PEWGS6050</a> 	WRD-750	SPDT/DPDT	7.5 - 18	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.3	60	12	8,500	Yes	EAR99
<a href="#">PEWGS6048</a> 	WRD-750	SPDT/DPDT	7.5 - 18	Latching, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.3	60	28	8,500	Yes	EAR99
<a href="#">PEWGS6051</a> 	WRD-750	SPDT/DPDT	7.5 - 18	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.3	60	12	8,500	Yes	EAR99
<a href="#">PEWGS6049</a> 	WRD-750	SPDT/DPDT	7.5 - 18	Latching, TTL Logic, Self Cut Off, Set Indicators, Manual Override, Viewing Window	0.3	60	28	8,500	Yes	EAR99

## Digital TTL Control Modules

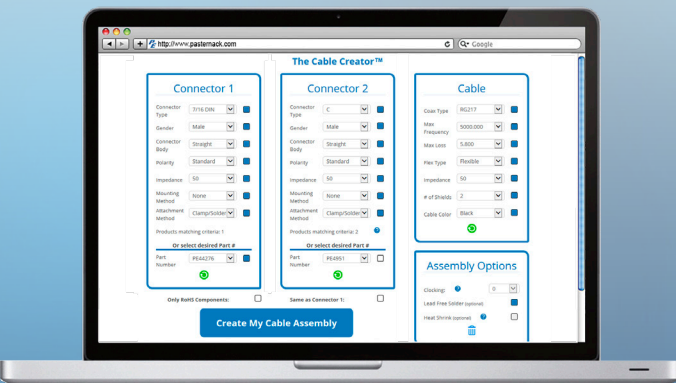
PE P/N	Voltage (Volts)	DC Current (Amps)	Programmable Interface	Command Control Bits	Ethernet Speed (Mb)	Ethernet Interface Socket	Digital TTL Output Connector
<a href="#">PE70A7000</a> 	6	1	TTL	18 x 2	10 - 100	RJ-45	2 x 25 Pin D-Sub
<a href="#">PE70A7001</a> 	5	0.15	TTL	18	10 - 100	RJ-45	25 Pin D-Sub



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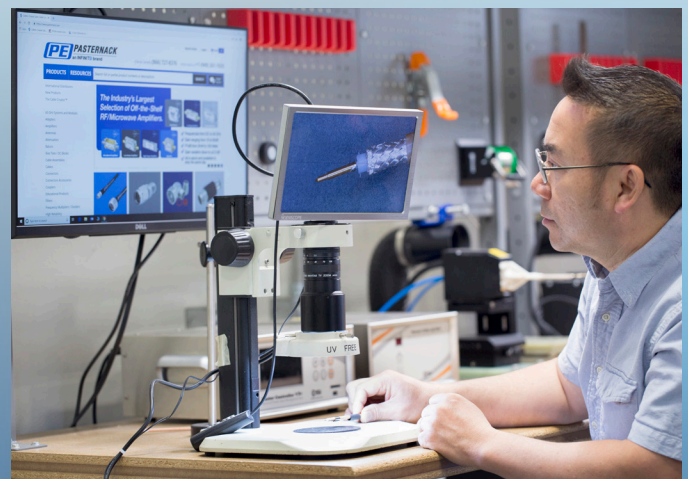
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