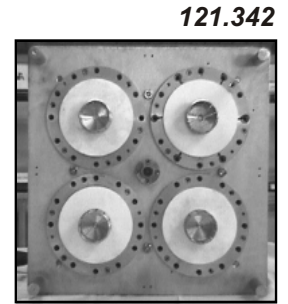
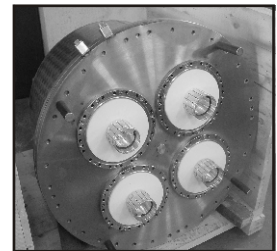
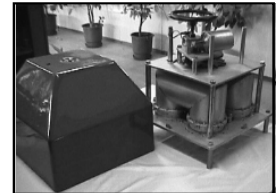


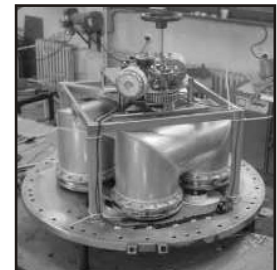
Switch Size	Type	Motor Drive Voltage
3 1/8" EIA flanged	121.300	24 VDC
	121.301	110 VAC * 230 VAC *
	121.303	Manual
4 1/2" EIA flanged	121.310	24 VDC
	121.311	110 VAC * 230 VAC *
	121.313	Manual
4 1/16" flanged	121.320	24 VDC
	121.321	110 VAC * 230 VAC *
	121.323	Manual
6 1/8" EIA flanged	121.340	24VDC
	121.341	110 VAC * 230 VAC *
	121.343	Manual
9" Thomcast flanged	121.360	24 VDC
	121.361	110 VAC * 230 VAC *
	121.363	Manual
9 3/16" flanged	121.370	24 VDC
	121.371	110 VAC * 230 VAC *
	121.373	Manual
9 3/16" flanged special design with pressurized vessel (1.5 bars)	121.376	230 VAC *



121.342



121.376



* motors are 24 VDC (convertors included)

- **General:** U-link type motorized coaxial switches are capable of very high isolation (minimum cross talking) and high power handling, intended for easy and reliable switching of coaxial transmission line systems and also for multiplying transmitters and antennas in matrices. The four ports are placed at the front side and are terminated with fixed flanges with non-removable male inner conductor connectors.
- **Switching:** Switching is realized with a 24 VDC motor and specially designed kinematics which provide disconnecting, rotation of 90° and finally, reconnecting of the two U-link connections. An electrical interlock system based on auxiliary micro switches is designed so that power is removed before switch operation can be carried out. The switch can be controlled manually with the handwheel mounted on the switch.

Coaxial Switches Specifications

	Coaxial Switches U link type											
	3 1/8"		4 1/2"		4 1/16"		6 1/8"		9"		9 3/16"	
Frequency Range	0 1000 MHz		0 900 MHz		0 900 MHz		0 700 MHz		0 500 MHz		0 500 MHz	
Average Power Rating	<i>Freq. In MHz</i>	<i>Pow. In kW</i>	<i>Freq. In MHz</i>	<i>Pow. In kW</i>	<i>Freq. In MHz</i>	<i>Pow. In kW</i>	<i>Freq. In MHz</i>	<i>Pow. In kW</i>	<i>Freq. In MHz</i>	<i>Pow. In kW</i>	<i>Freq. In MHz</i>	<i>Pow. In kW</i>
	2	250	2	450	2	450	2	900	2	1000	2	1000
	30	90	30	160	30	160	30	270	30	600	30	600
	100	45	100	75	100	75	100	130	100	300	100	300
	500	20	500	35	500	35	500	60	500	120	500	120
1000	16	900	25	900	25	900	45	700	45	700	45	
Impedance	50		50		50		50		50		50	
VSWR	< 1.05		< 1.05		< 1.05		< 1.05		< 1.05		< 1.05	
Isolation	> 100 dB		> 100 dB		> 100 dB		> 100 dB		> 100 dB		> 100 dB	
Switching Time	< 3 sec.		< 3 sec.		< 3 sec.		< 3.5 sec.		< 4 sec.		< 4 sec.	
Test Voltage 50 Hz	21 kV peak		32 kV peak		30 kV peak		40 kV peak		50 kV peak		50 kV peak	
Dimensions	<i>A(mm)</i>	135	175	175	175	215	215	215	320	320	320	320
	<i>B(mm)</i>	320	430	430	430	500	500	500	800	800	800	800
	<i>C(mm)</i>	410	440	440	440	466	466	466	570	570	570	570
	<i>D(mm)</i>	280	355	355	355	450	450	450	750	750	750	750
	<i>E(mm)</i>	9.5	10.5	10.5	10.5	10.5	11	11	11	15	15	15
Fixing Holes Data	Four holes	Four holes	Four holes	Four holes	Four holes	Four holes	Four holes	Four holes	Four holes	Four holes	Four holes	Four holes
	11	11	11	11	11	13	13	13	15	15	15	15
Weight	40 kg		60 kg		60 kg		80 kg		170 kg		170 kg	

