

Four port transfer switches are used to switch two signal sources between loads. They are fully automated, including independent interlock, logic and signaling circuits. They can also be operated manually.

Designed and built under strict quality control, our coaxial transfer switches offer a perfect electrical connection and a very high isolation, low insertion loss and VSWR.

A unique feature is the coplanar port configuration that permits neater, more compact layouts and requires fewer elbows. Complex switching matrices can easily be assembled.

Technical Specifications

Impedance	50 Ohm	
Number of ports	4	
Maximum power handling	According to line size	
Insertion loss	< 0.1 dB	
Mechanical life	10000 cycles	
RF connectors	EIA flanged male	
Output configuration	Crossed	
Materials	Body	Aluminium
	Inner conductor	Silver plated aluminium and brass
	Isolators	PTFE
	Finishing	Chromitized plating
	Screws	Stainless steel
Temperature range	-10°C to + 50°C	
Switching speed typical	2 sec	



Models

Models	Connectors Size	Frequency Range	VSWR	Power Rating (RMS)			Isolation	Weight	Command Control (25PIN D-Sub Connector)	Voltage
				100 MHz	230 MHz	860 MHz				
61101MN	NF	DC - 1GHz	< 1.04:1	2 KW	2 KW	2 KW	> 80 dB	1.4 Kg	12/24 VDC	Not needed
61101DIN	DIN 7/16F	DC - 1GHz	< 1.04:1	2 KW	2 KW	2 KW	> 80 dB	1.4 Kg	12/24 VDC	Not needed
61101	EIA 7/8"	DC-860 MHz	< 1.06:1	4.4 KW	3 KW	1.6 KW	> 35 dB	5.5 Kg	5/12/24 VDC 120/240 VAC	120/220 VAC
61103	EIA 1 5/8"	DC-860 MHz	< 1.06:1	16 KW	10.3 KW	5.5 KW	> 35 dB	7 Kg	5/12/24 VDC 120/240 VAC	120/220 VAC
61104	EIA 3 1/8"	DC-860 MHz	< 1.06:1	53 KW	36 KW	18 KW	> 40 dB	17 Kg	5/12/24 VDC 120/240 VAC	120/220 VAC
61102	4 1/16"	DC-860 MHz	< 1.06:1	82 KW	57 KW	29 KW	> 45 dB	27 Kg	5/12/24 VDC 120/240 VAC	120/220 VAC
61105	EIA 6 1/8"	DC-716 MHz	< 1.06:1	180 KW	123 KW	67 KW	> 50 dB	46 Kg	5/12/24 VDC 120/240 VAC	120/220 VAC

Other models displaying 3 ports are available under request

Optional Accessories

Control panel

Adapter from 4 1/16" to IEC 4 1/2"