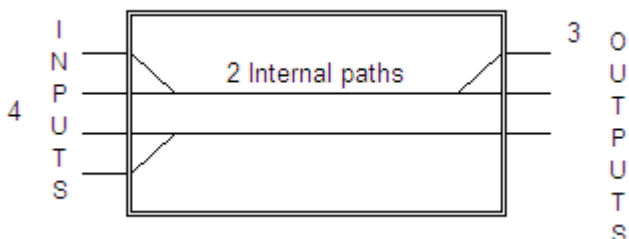


RF Matrix Designs (Typical)

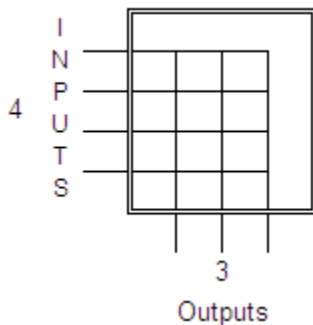
Blocking Matrix



Can connect any input to any output, but due to the limited internal lines (internal lines < Input/output ports), a limited number of paths can be connected simultaneously.

In this example only 2 inputs at the time can be routed to the output.

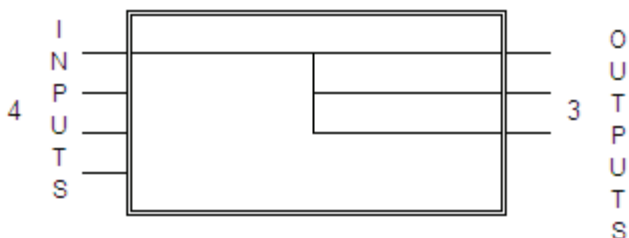
Non-Blocking Crossbar Matrix



Any input can be connected to any output at the time, but the number of paths can not exceed the lower number of inputs or outputs.

In this example only 3 paths at the time (internal paths = lower number of Inputs or Outputs.)

Non-Blocking Fan-Out Matrix



Any Input can be connected to one or multiple outputs simultaneously.

* Fan-In: Apply the reverse Fan-Out topology

Custom Design You Own Matrix System



Step 1: Type of Switch Topology

Switching Technology: Coaxial Switches Solid State

Topology: Blocking* Yes
**see page 23 for details* Non Blocking Crossbar* Yes
 Non Blocking Fanout* Yes

Step 2: Hardware Description

Number of Inputs: _____
Number of Outputs: _____

RF Connector Type: _____
DC Connector Type: Don't Care Other

DC Voltage: N.A. 12 VDC 24 VDC VDC
AC Input Voltage: 110 VAC 220 VAC

Switching Time: Don't Care mSec

Local Manual Control Required: Yes No
Display: Yes No
 If Required: Don't Care
 2 line LCD
 4 line LCD

Remote Control Required: Yes No
If Required: Specify Control Interface: GPIB (IEEE 488)
 Ethernet (TCP/IP)
 Other: _____

Step 3: Mechanical Requirements

Dimensions: Height _____ U Width _____ in Depth _____ in

Handels Required: Yes No
Telescopic Slides: Yes No