

The SW516116-EWEB version of this product can be easily accessed from anywhere in the world via TCP/IP protocols on 10Base-T networks using HTTP 1.0 interface. The 4104- Series Switch Matrix is a perfect solution for RF signal routing especially between multiple transceivers and antennas. This matrix can also be utilized as a building block for numerous ATE applications.

Each unit, equipped with a LCD front panel display and keypad for manual override, is housed in a low profile (1.75"H x 19"W x 1 4.5"D) rack mountable chassis. This CANbus-based Switch Matrix also offers an enclosure and power supply matched for EMI integrity. Impedance is 50 Ohms, switching speed is 50 ms,

Available Switches/Options:

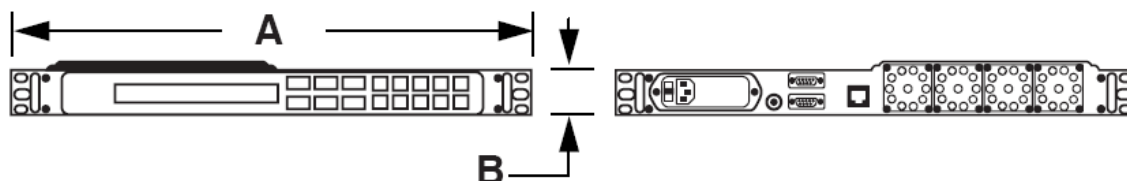
- DPDT, SP6T, SP8T and SP10T (can be mixed)
- Terminated Switches (with slightly increase in unit height)
- Available with Master/Slave Control Capability



Depending on the type of system, different coaxial switches are used. Below charts show the RF data distribution over specific applicable frequencies.

Electrical Specifications	
Operating Frequencies	DC to 18 GHz
VSWR	1.40 @ DC to 8 GHz 1.60 @ 8 to 12 GHz 1.80 @ 12 to 18 GHz
Isolation	70 dB @ DC to 8 GHz 60 dB @ 8 to 12 GHz 50 dB @ 12 to 18 GHz
Insertion Loss	0.4 dB @ DC to 8 GHz 0.5 dB @ 8 to 12 GHz 0.8 dB @ 12 to 18 GHz
CW Power Handling	80 W @ DC to 8 GHz 60 W @ 8 to 12 GHz 40 W @ 12 to 18 GHz
Characteristic Impedance	50 Ω
Switch Type	Normally Open
Switching Speed (max)	20 ms (switch level) / 300 ms (system level)
Power Supply	Input Voltage 85-232 VAC 47-440Hz (Optional Redundant Power Supply available)
Connectors	SMA (F)
Operating Life	1 Million Cycles (cold switching)
Size	A:483.1* B:50.8 mm
Operating Temperature	0 to +50°C

* ENET or GPIB (remote interface)
Note: All configurations are not shown



Molex reserves the right to change this Datasheet without notice!
For special requirements, pls inquiry.