Molexy

The SW516115-ENET performs up to 18 GHz, providing a bi-directional switch matrix that can be configured with up to 10 inputs and up to 10 outputs. Users can easily access this matrix from anywhere in the world via TCP/IP protocols on 1OBaseT networks. Each unit is equipped with an LCD front panel display and keypad for manual override and the Ethernet (802.3 3). Housed in a low profile (7" 4U) 19" rack mountable chassis, this CANBus switch matrix occupies less rack space than competitive systems. In addition, the enclosure and power supply is matched for EMI integrity. Available options include type N or BNC Connectors.

Available Options
• High Isolation
• Phase Matching
• Terminated Paths
• Available with Master/Slave Control Capability
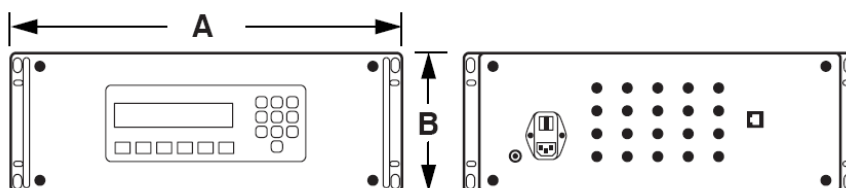• n by m (max. 10x10)
• Crossbar

* Combined input power on all inputs (at the same time)
  Note: Shown as SW516115-10/10-ENET

Electrical Specifications	
Operating Frequencies	DC to 18 GHz
VSWR	1.20 @ DC to 4 GHz 1.30 @ 4 to 8 GHz 1.40 @ 8 to 12 GHz 1.80 @ 12 to 16 GHz 2.0 @ 16 to 18 GHz
Isolation	75 dB @ DC to 4 GHz 70 dB @ 4 to 8 GHz 65 dB @ 8 to 12 GHz 60 dB @ 12 to 16 GHz 60 dB @ 16 to 18 GHz
Insertion Loss	2.5 dB @ DC to 4 GHz 3.0 dB @ 4 to 8 GHz 4.0 dB @ 8 to 12 GHz 5.0 dB @ 12 to 16 GHz 5.0 dB @ 16 to 18 GHz
CW Power Handling	100 W @ DC to 4 GHz 80 W @ 4 to 8 GHz 60 W @ 8 to 12 GHz 50 W @ 12 to 16 GHz 40 W @ 16 to 18 GHz
Characteristic Impedance	50 Ω
Switch Type	Normally Open
Switching Speed (max)	50 ms (switch level) / 300 ms (system level)
Power Supply	Input Voltage 85-232 VAC 47-440Hz (Optional Redundant Power Supply available)
Connectors	N (F) or BNC (F)
Operating Life	1 Million Cycles (cold switching)
Size	A:483.1* B:177.8 mm
Operating Temperature	0 to +50℃

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