Full Fan-Out Matrix Switch

MAS4477

L-Band (950 – 2150 MHz)

The MAS4477 is configured as a full fan-out non-blocking switch matrix. Each input is split to all output switches.
This allows to select the input signal to be seen on each output. The obvious upside is its great switching flexibility.

TECHNICAL DATA

Type No. 1400360

Number of inputs	8
Number of outputs	8
Architecture	Non-blocking, full-fan out Semiconductor switches
Frequency range	950 – 2150 MHz
Gain (dB)	1 ± 1.0
Flatness (dB)	± 1.5 max.
Noise Figure (dB)	13 max.
OPIP3 (dBm)	8 min.
OPIP2 (dBm)	20 min.
Isolation (dB)	
out/in	60 min.
out/out	40 min.
on/off	50 min.
Crosstalk (dB)	50 min.
VSWR	
Input	1.6:1 typ., 1.8:1 max.
Output	1.6:1 typ., 1.8:1 max.
Output pwr (dBm)	
@ 1 dB compr.	+5 typ.
Input pwr (dBm)	
non destructive	+13 max. CW
Impedance (Ω)	50
Connectors	
Input	SMA female
Output	SMA female
Local control	LC display and keyboard, front panel
Remote control	RJ45 Ethernet port 10/100 Base T. TCP/IP & UDP, SNMP , GUI (browser interface)
Power supply	80-264 V AC (47-63 Hz)
AC consumption	70VA max.
Temperature range	Indoor use only
Operating	0 ... + 40°C
Storage	-10 ... +60°C
Colour	Front panel: RAL7021
Attached hardware	Power cord Operating manual
Dimensions (WxHxD)	483mm x 44mm x 360mm (19" drawer, 1U)
Weight	6 kg

FEATURES

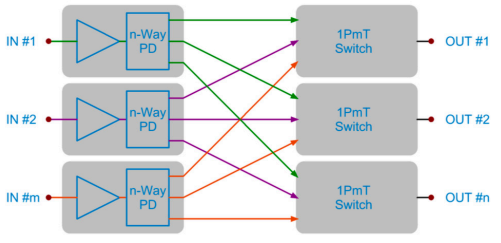
- Redundant power supply
- Non-switched in- and outputs internally loaded
- Temperature controlled fans
- Shut-down of unused amps
- Permanent monitoring of temperature and modules
- SNMP (protocol version 1)

OPTIONS

- Single power supply

DESCRIPTION

The MAS4477 operates over a frequency band from 950 MHz to 2150 MHz and is perfectly suitable for a wide variety of L-Band applications.
The system supports come with Ethernet control interface, allowing setup flexibility and easy remote test management.



APPLICATIONS

- PCS
- Communication satellites & Teleports
- Defense communications
- Radar applications
- Aeronautical communications
- Fiber optic driver
- ATE stations

EUROSATCOM VSATECH ASSOCIÉ
3 avenue du Canada, bât. Zeta, 91940 Les Ulis, France +33 1 69 18 19 30 www.eurosatcom.eu sales@eurosatcom.eu