



Full Fan-Out Matrix Switch – MAS6750 V/UHF (520 – 3150 Mhz)

novotronik offers a switching system which performs from 520 to 3150 MHz. It is configured as a full fan-out non-blocking switch matrix, allowing any output to select any input.

The MAS6750 supports up to 20 antennas and 24 receivers.



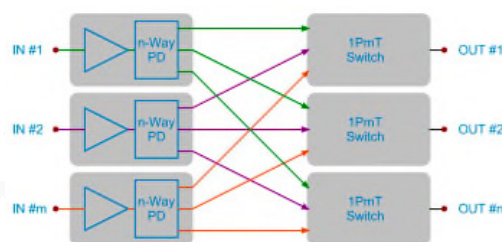
TECHNICAL DATA @ 25°C

Part No.	1400369
Number of inputs	20
Number of outputs	24
Architecture	Non-blocking, full-fan out
Frequency range [MHz]	530 – 3150 min.
Gain [dB]	1 ± 1.5
Flatness [dB]	± 2.5 max
Noise Figure [dB]	12 max.
Isolation [dB]	10 dB max., 8 dB typ.
out/out	20 min., 40 typ. (same input)
in/in	60 min., 63 typ.
on/off	50 min.
VSWR	
Input	2.0:1 max., 1.8:1 typ.
Output	2.0:1 max., 1.6:1 typ.
Input pwr [dBm]	
non destructive	+32 CW max., with inte-grated limiter
Impedance [Ω]	50
Connectors	SMA female
Switching elements	solid-state switches
Remote control	RJ45 Ethernet port 10/100 Base T., TCP & UDP, RS-232 integrated webserver for unit control & monitoring
Local control	7" touch display
Power supply [Vac, Hz]	100-240, 50-60
Temperature range [°C]	Indoor use only
Operating	0 ... +40
Storage	-10 ... +60
Colour	Front panel: RAL7016
Attached hardware	Power cords Operating manual
Dimensions [mm]	19" drawer, 6 RU, depth approx. 436

FEATURES

- Redundant power supply
- Non-switched in- and outputs internally loaded
- Permanent monitoring of temperature, fans and modules

DESCRIPTION



The use of high-quality HF parts and solid-state switching elements guarantee the highest signal performance.

The MAS6750 supports local and remote control. Routings can be monitored and changed, the status of a lot of parameters can be verified. All inputs and outputs are provided at the rear of the rack utilising SMA type connectors.

APPLICATIONS

- Broadcasting
- Communication satellites & Teleports

