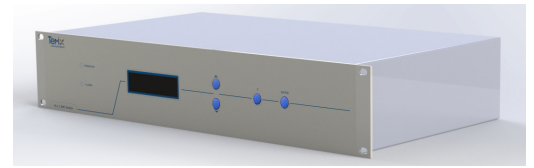


# 16:1 Switch SWI-DC26-LSTDCP-16-A

The TEMIX 16:1 RF Switch shapes the next-generation satellite communication systems with its breakthrough leading edge technology, state of the art design and unprecedented reliability.



TEMIX 16:1 RF Switch is self-terminating latching and operating over a wide DC to 26.5 GHz frequency range. The unit is locally controlled using the front panel display and keypad. Remotely the unit is controlled via RJ45 Ethernet and Serial RS232/485 ports. In both Local and Remote modes it is possible the selection of the desired switch position and monitor status.

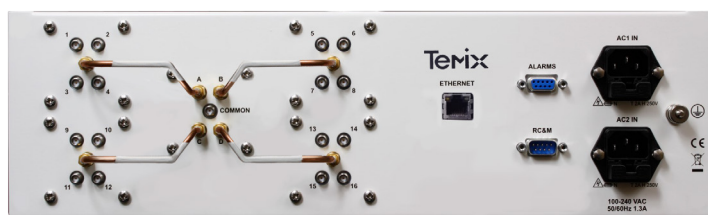
Equipped with a dual redundant power supply, status and alarms are monitored from front panel LEDs, from display and remotely through Dry-Contact alarm and serial/ethernet ports on real panel.

### Key Features

Frequency Range	DC to 26.5 GHz				
Capacity	16 x 1		Latching, Self-Terminating		
Input & Outputs	50 Ohm		DC Pass (all Ports)		
Life (min)	> 2 Million Cycles				
Switching Time	< 50 ms				
Frequency	DC - 3GHz	3 - 8 GHz	8 - 12.4 GHz	12.4 - 18 GHz	18 - 26.5 GHz
V.S.W.R. (max)	1.2:1	1.3:1	1.4:1	1.5:1	1.7:1
Insertion Loss (max)	0.9 dB	1.0 dB	1.2 dB	1.4 dB	1.7 dB
Isolation (min)	80 dB	70 dB	60 dB	60 dB	50 dB
Flatness	+/-1.5 dB				
Input Power (max)	1 W per each input port				
Power Supply	90-260 Vac, 50/60Hz				
AC Consumption	< 25 W				
Power Supply Redundancy	Dual Redundant				
Alarms	Summary Front Panel LED, Dry-Contact, Ethernet/Serial Controls				
Installation	Indoor				
Temperature Range	Operating		0°C to +45°C		
	Storage		-20°C to +75°C		
Humidity	up to 90% Non-Condensing				
Altitude	4500m AMSL				

### Main Features

- 16 Inputs & 1 Output
- Latching
- > 2 Million Cycles Life
- Self-Terminating
- Weight & Dimensions:  
2RU x 19" x 450mm  
4.5Kg



\*The Information included in this data sheet may be changed without advise. rev\_01/17

◆ **TEMIX Communication Engineering**  
 Corso Michelangelo Buonarroti, 61/b  
 95039 Trecastagni (Catania) - ITALY  
 Tel. + 39 095 8999603  
 Fax. + 39 095 8880189  
[info@temix.it](mailto:info@temix.it)  
[www.temix.it](http://www.temix.it)

