



# FlexLink SP8T/SP16T Series

...designed for perfect signals



## Broadband 10MHz – 3,25GHz Switch Units 8:1 & 16:1

The FlexLink-SP8T and -SP16T series represents professional and reliable RF-switch units available 8:1 and 16:1 in 1RU/19".

The FlexLink-SP8T and -SP16T RF-switches are perfectly suited for integration in Teleports, Satellite Earth-Stations, as well as Broadcasting and CATV/IPTV architectures.

The units feature RF-power monitoring (upon request) and come with 1:1 power-supply redundancy (hot-swappable). Excellent RF performance assures stable operation and perfect signal quality. A front-panel LC-Display/keypads allow user-friendly local configuration while remote configuration can be realized via its Ethernet Interface (WebGUI/SNMP).



### FEATURES & BENEFITS

- ▶ Space saving 1RU/19" rack mount design
- ▶ 8:1, 16:1 RF Switches
- ▶ Supports 10MHz – 3,25GHz
- ▶ Available with 50Ohm SMA(f)
- ▶ Front panel status LED's

- ▶ Excellent and stable RF performance Local control via front panel LC-Display/keypads
- ▶ Remote control via Ethernet-Interface (WebGUI, SNMP)
- ▶ 1:1 redundant dual power supply

*\*upon request only*



## TECHNICAL SPECIFICATIONS

<b>Dimensions:</b>	1RU/19" or 3RU/19" rack mount chassis
<b>Power Supply:</b>	85 – 230V, 50/60Hz, 1:1 redundant (hot-swappable)
<b>Power Consumption:</b>	>10W
<b>Frequency Range:</b>	10 – 3250MHz
<b>Input/Output Connectors:</b>	50Ohm SMA(f)
<b>Switching Capacity:</b>	8:1, 16:1
<b>Input / Output Return Loss:</b>	18dB min.
<b>RF-Power Max:</b>	+46dBm
<b>Isolation:</b>	>60dB (all ports)
<b>Insertion Loss:</b>	SP8T: 0dB typ., ±0,5dB max. SP16T: 0dB typ., ±1,0dB max.
<b>Frequency Response:</b>	< ±2,0dB
<b>1dB Compression:</b>	+36dBm
<b>Local Configuration:</b>	LC-Display/keypads
<b>Remote Configuration:</b>	Ethernet-Interface (WebGUI, SNMPv2c)
<b>Monitoring/Alarming:</b>	Remote & front panel monitoring and alarming
<b>Operating Temperature:</b>	0°C to 45°C
<b>Storage Temperature:</b>	-10°C to 70°C
<b>Humidity:</b>	90%, non-condensing
<b>RoHS:</b>	Compliant
<b>MTBF:</b>	390khours MIL-HDBK-217F (25°C)
<b>Environmental Conditions:</b>	ETS 300019 Part 1-3 Class 3.1E
<b>EMC / Security:</b>	According EN50083-2 / According EN60950-0

*\*Option / \*\*Upon Request only*

## ORDER INFORMATION

Type	Type No.	Short Description
<b>FlexLink SP8T-50S</b>	9001405	8:1 L-Band Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply
<b>FlexLink SP16T-50S</b>	9001477	16:1 L-Band Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply