



FlexLink 8PST/16PST Series

...designed for perfect signals



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

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

The FlexLink-8PST and -16PST 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

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

**Option / **Upon Request only*

ORDER INFORMATION

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