

IF Switch Matrix 32:32, 40 – 200MHz (fan-out/distributive)

The FlexLink S92E-3232 is professional 32:32 IF Switch Matrix in a compact 4RU/19" rack mount design. It allows switching of max. 32 independent signals to up to 32 outputs (fan-out/distributive) within a frequency of a frequency of 40 – 200MHZ. Additionally it also supports RF power monitoring, threshold alarming and has 1:1 redundant dual power supply.

The unit is an efficient, flexible and reliable solution for today's and future IF signal management and supports to switch/route any input to any or all outputs without limitations and interferences, while all combinations of inputs and outputs are configurable locally and remotely.

Furthermore, the unit features isolation, linearity and frequency response at the highest level assuring excellent and stable operation with superior RF performance and signal quality.

The FlexLink S92E-3232 comes with a front panel touchscreen for user-friendly local configuration and monitoring. Remote configuration and monitoring can be done via its rear side Ethernet-Interface (WebGUI, SNMP) while it can also be integrated into a management and control system (NMS or M&C) via SNMP.



FEATURES & BENEFITS

- ▶ Space saving 4RU/19" rack mount design
- ▶ Professional switching solution with 32:32 I/O configuration
- ▶ RF power monitoring (@ any input)
- ▶ Threshold monitoring
- ▶ Front panel touchscreen for local configuration
- ▶ Rear side Ethernet-Interface for remote configuration (WebGUI, SNMPv2c)

- ▶ Low power-consumption & heat generation
- ▶ Admin & User login protection
- ▶ Superior RF performance, signal quality and stability
- ▶ 1:1 redundant dual power supply

TECHNICAL SPECIFICATIONS

Dimensions:	4RU/19", 500mm deep, rack mount
Switching Configuration:	32:32 I/O's (fan-out/distributive)
Power Supply:	85 – 230V, 50/60Hz, 1:1 redundant (hot-swappable)
Power Consumption:	<80W
Frequency Range:	40 – 200MHz
Input/Output Connectors:	50Ohm SMA(f), 50Ohm BNC(f)*
Insertion Loss:	0dB +/- 1,0dB
RF Input Power:	-10dBm, 0dBm max. operational
Output IP1:	+3dBm
Max. RF Output Power:	-10dBm, 0dBm max. operational
Input/Output Return Loss:	12dB min., 16dB typ.
Isolation:	Input/Input ≥60dB – Output/Output ≥60dB – Input/Output ≥60dB
Noise Figure:	>13dB typ.
Frequency Response:	± 0,75dB typ., ±1,0dB max.
RF Power Monitoring:	60dB dynamic range (@ any input and output) with threshold adjustment/alarming
Input Level Control:	Monitoring threshold adjustment/alarming
IMA3 @ -10dBm:	> -56dBc
Group Delay:	< 2ns
Local Configuration:	8.4" colored touchscreen LC-Display
Remote Configuration:	RJ45 100Mbit Ethernet-Interface (WebGUI, SNMPv2c)
Environmental:	ETSI En300, Part 1-3, Class 3.1
EMC/Safety:	EN 50083-2 / EN 60950-10°C to 45°C
Operating Temperature:	0°C to 45°C
Storage Temperature:	-10°C to 65°C
Humidity:	90%, non-condensing
RoHS:	Compliant

**available upon request*

ORDER INFORMATION

Type	Type No.:	Short Description	I/O Connectors
FlexLink S92E-32-50S	9001145	IF 32:32 Switch Matrix, 40 - 200MHz	50Ohm SMA(f)
FlexLink S92E-32-50B	9001412	IF 32:32 Switch Matrix, 40 - 200MHz	50Ohm BNC