

FlexLink RSC201

Broadband Redundancy switch 2:1

GENERAL

The FlexLink RSC201 represents a professional 2:1 redundancy switch unit in 1RU/19" rack-mount design covering broadband frequency range of 5...2.500MHz. The FlexLink RSC 2:1 redundancy switch's output port can be switched to one input port while all input signals are individually monitored considering the pre-defined threshold level.

Besides this the unit provides alarming and also controls the switching independently. The FlexLink RSC201 features 1:1 power-supply redundancy as well as excellent and stable performance during operation while highest RF performance is assured.

Furthermore it has a LC-Display and keypads at the front allowing user-friendly local configuration and control. Remote access, configuration and control can be done via its Ethernet-Interface (WEB-GUI/SNMP) while the unit can also be integrated into a management and control system via SNMP.

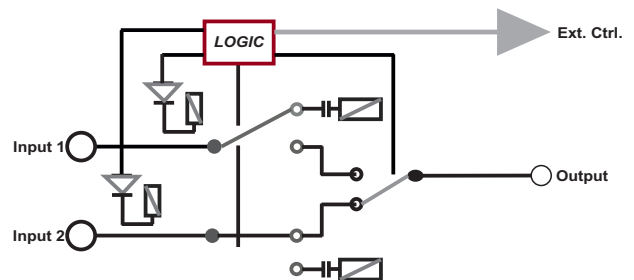
This flexible switching solution is perfectly suited for integration in Teleports, Satellite Earth-Stations, Up- and downlink stations as well as broadcasting and CATV/IPTV architectures.



FEATURES

- Space saving 1RU/19" rack-mount design
- Supports broadband frequency-range 5...2.500MHz
- 2:1 redundancy switching
- Supports autonomous switching
- RF-power detection, all inputs 40dBm...+10dBm with threshold level control for automatic switching
- Remote and front-side alarm monitoring/control
- Excellent RF-performance
- 1:1 redundant power-supply (hot swappable)
- Local configuration via front side LC-Display/keypads
- Remote configuration via Ethernet ([http](http://)/SNMPv2c)
- Front-side LED's indicating port and power-supply status

FUNCTIONAL BLOCK-DIAGRAM 2:1 broadband redundancy switch



ORDER INFORMATION

- **FlexLink-RSC201:** Broadband Redundancy Switch unit 2:1, 50Ohm SMA(f), 1RU/19"

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TECHNICAL SPECIFICATIONS

➤ Dimensions:	1RU/19" rack-mount, approx. 260mm deep
➤ Power supply:	85...230V, 50/60Hz; 1:1 redundant (hot-swappable)
➤ Power consumption:	<10W
➤ Frequency-range:	5...2.500MHz
➤ Switching-function:	2:1 (rear-side)
➤ Switching:	Autonomous switching
➤ Switching Cycles:	10E6
➤ Impedance/connectors:	50Ohm SMA(f)
➤ Insertion loss:	-1,5dB @ 2,5GHz max.
➤ Return loss:	18dB all ports
➤ Isolation:	>60dB
➤ Damage Level:	+30dBm
➤ RF-Power Detector all inputs:	-40dBm...+10dBm dynamic range, with threshold level control for automatic switching
➤ Alarming/Monitoring:	Remote and front side alarm, monitoring, control
➤ Local control:	LC-Display & keypads
➤ Remote-control:	Ethernet-interface (http & SNMPv2c)
➤ Operating temperature:	0°C...45°C
➤ Storage temperature:	-10°C...70°C
➤ Operating humidity:	90% non condensing
➤ RoHs:	Compliant