



FlexLink RSC201 QUAD

Broadband Redundancy Switch 4 x 2:1

GENERAL

The FlexLink-RSC201 Quad represents a professional redundancy-switch unit in 1RU/19" rack-mount design while 4 x 2:1 redundancy-switch boards are integrated into the unit. Each redundancy switch-board operates on a broadband frequency range of 5...2.500MHz. The output port of each individual switch-board can be switched to one input port of the same 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 FlexLinkRSC201 Quad features RF power-monitoring, threshold level control, front-side and remote alarm monitoring indication as well as 1:1 redundant dual power-supply. Excellent and stable performance during operation with superior RF performance is assured.

The unit is equipped with a front-side a LC-Display and keypads for user-friendly local configuration as well as front-side status LED's. Remote access and configuration can be done via its Ethernet-Interface (WEB-GUI/SNMP) while the unit can also be integrated into a management and control system (NMS and/or M&C) via SNMP.

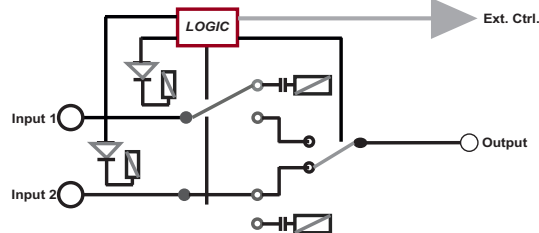
This flexible and compact Quad redundancy-switching solution is perfectly suited for integration in Teleports, Satellite Earth-Stations, Up- and downlink stations as well as broadcasting and CATV/IPTV architectures.



FEATURES

- Space saving 1RU/19" rack-mount design
- Supports broadband frequency-range 5...2.500MHz
- Quad 2:1 redundancy-switches integrated (4 x 2:1)
- Supports autonomous switching
- RF-power monitoring, all inputs 40dBm...+10dBm with threshold level control for automatic switching (for each 2:1 redundancy-switch board)
- Remote and front-side alarm monitoring/control (for each 2:1 redundancy-switch board)
- Excellent RF-performance and signal quality
- 1:1 redundant dual power-supply (hot swappable)
- Local configuration via front side LC-Display/keypads
- Front-side status LED's indicating RF-port and power-supply status
- Remote configuration via Ethernet-Interface* (<http://WEB-GUI/SNMPv2c/>) /
*RS232-interface available upon request

FUNCTIONAL BLOCK-DIAGRAM 2:1 broadband redundancy switch*



*4 x 2:1 broadband redundancy-switch boards integrated into unit

ORDER INFORMATION

- **FlexLink-RSC201 Quad:** Broadband Quad Redundancy-Switch 4 x 2:1, 50Ohm SMA(f), 1RU/19" rack-mount

FlexLink RSC201 QUAD

Broadband Redudancy Switch 4 x 2:1

TECHNICAL SPECIFICATIONS

➤ Dimensions:	1RU/19" rack-mount, approx. 260mm deep
➤ Power supply:	85...230V, 50/60Hz; 1:1 redundant dual power-supply (hot-swappable)
➤ Power consumption:	>10W
➤ Frequency-range:	5...2.500MHz
➤ Switching-function:	4 x 2:1 (redundancy switch-boards rear-side)
➤ Switching:	Autonomous switching
➤ Switching cycles:	10E6 min.
➤ Impedance/connectors:	50Ohm SMA(f)
➤ Insertion loss:	-1,5dB @ 2,5GHz max.
➤ Return loss:	18dB all ports
➤ Isolation:	>60dB
➤ Input level:	30dBm max.
➤ 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 configuration:	LC-Display/keypads, status LED's
➤ Remote configuration:	Ethernet-interface (http & SNMPv2c) *RS232-interface available upon request
➤ Operating temperature:	0°C...45°C
➤ Storage temperature:	-10°C...70°C
➤ Operating humidity:	90% non condensing
➤ RoHs:	Compliant