

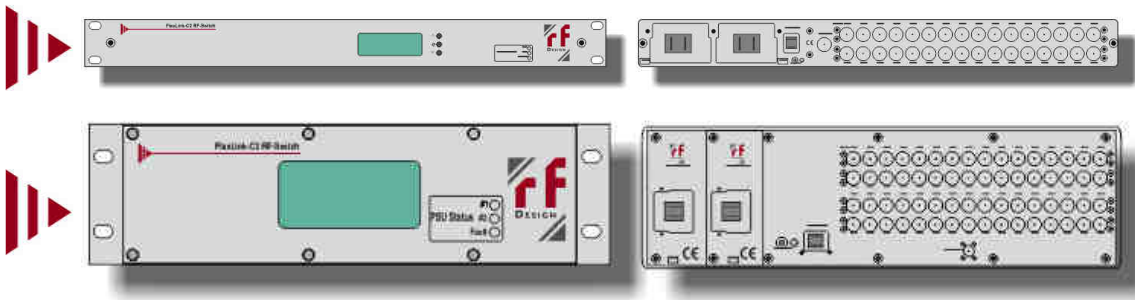
FlexLink C2 Switch Series

L-Band and IF Switch units (2:1, 4:1, 8:1, 16:1, 32:1, 64:1)

Made
in
Germany

GENERAL

The FlexLink-C2 series represents professional and reliable active RF-switch units available as 2:1, 4:1, 8:1, 16:1, 32:1 (1RU/19") and 64:1 (3RU/19") RF-switches allowing to switch the output port to one of the input ports. The units are available either for L-Band (950...2.150MHz) or *IF frequency range (10...200MHz, *upon request only). The FlexLink-C2 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 provide 1:1 power-supply redundancy (hot-swappable). Excellent RF performance assures stable operation and perfect signal quality. A front-panel LC-Display/keypads (1RU/19") or 5,7" touchscreen (3RU/19") allow user-friendly local configuration while remote configuration can be realized via its Ethernet Interface (WEB-GUI/SNMP).



FEATURES

- Space saving 1RU/19" or 3RU/19" (64:1) design
- 1:1 redundant power-supply (hot swappable)
- Supports 2:1, 4:1*, 8:1*, 16:1*, 32:1* or 64:1* RF switching (*upon request only)
- Supports L-Band or IF* frequency range (*upon request)
- Available with 50Ohm SMA(f) or 75Ohm F(f)/BNC(f) connectors (see order information)
- Local control via front-side LC-Display/ keypads (1RU/19") or 5,7" touchscreen (3RU/19")
- Front-side status LED's
- Remote control via Ethernet-Interface (WEB-GUI/SNMP)
- Remote and front-side alarm, RF-power monitoring* (*upon request)
- Excellent and stable RF performance

TECHNICAL SPECIFICATIONS

- **Dimensions:** 1RU/19", 400mm deep
3RU/19" (64:1)
- **Power-supply:** 85...230V, 50/60Hz
1:1 redundant (hot-swapp.)
- **Power-consumption:** >10W
- **Frequency-range:** 950...2.150MHz (L-Band)
10...200MHz (IF), upon request
- **Switching capacities:** 2:1, 4:1, 8:1, 16:1, 32:1
64:1
- **In- Output impedance:** 50Ohm or 75Ohm
- **In- Output connectors:** SMA(f), F(f) or BNC(f)
- **Isolation:** >60dB (all ports)
- **Insertion loss:** 0dB typ. / ±0,5dB
- **Frequency response:** > ±0,5dB
- **1dB Compression:** +20dBm
- **Noise:** <9dB (in unit)
- **IMA3 @ -10dBm:** < -60dBc
- **Input return loss:** -16dB typ.
- **Output return loss:** -16dB typ.
- **Local configuration:** LC-Display/keypads (1RU/19"),
5,7" touchscreen (3RU/19")
- **Remote configurat.:** Ethernet (WEB-GUI/SNMP)
- **Alarm/Monitoring:** Remote and front-side
alarm & monitoring
- **MTBF:** 600 kHrs (@ 25°C)
- **EMC:** accord.: EN50083-2
- **Security:** accord.: EN60950-1
- **Operating temperature:** 0...45°C
- **Storage temperature:** -10°C...70°C
- **Humidity:** 90% non-condensing
- **Next Page:** Order-Information

FlexLink C2 RF-Switch Series

L-Band and IF Switch units (2:1, 4:1, 8:1, 16:1, 32:1, 64:1)



ORDER INFORMATION

L-Band (950...2.150MHz), 50Ohm SMA(f) versions

- **FlexLink C2-0201:** 2:1 L-Band Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply
- **FlexLink C2-0401:** 4:1 L-Band Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2-0801*:** 8:1 L-Band Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2-1601:** 16:1 L-Band Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2-3201:** 32:1 L-Band Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2-6401:** 64:1 L-Band Switch unit, 50Ohm SMA(f), 3RU/19", 1:1 redundant power-supply *(upon request only)

L-Band (950...2.150MHz), 75Ohm F(f) versions

- **FlexLink C2-0201-75*:** 2:1 L-Band Switch unit, 75Ohm F(f), 1RU/19", 1:1 redundant power-supply
- **FlexLink C2-0401-75*:** 4:1 L-Band Switch unit, 75Ohm F(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2-0801-75*:** 8:1 L-Band Switch unit, 75Ohm F(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2-1601-75:** 16:1 L-Band Switch unit, 75Ohm F(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2-3201-75:** 32:1 L-Band Switch unit, 75Ohm F(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2-6401-75:** 64:1 L-Band Switch unit, 75Ohm F(f), 3RU/19", 1:1 redundant power-supply *(upon request only)

IF (10...200MHz), 50Ohm SMA(f) versions

- **FlexLink C2I-0201*:** 2:1 IF Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-0401*:** 4:1 IF Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-0801*:** 8:1 IF Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-1601*:** 16:1 IF Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-3201*:** 32:1 IF Switch unit, 50Ohm SMA(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-6401*-75:** 64:1 IF Switch unit, 50Ohm SMA(f), 3RU/19", 1:1 redundant power-supply *(upon request only)

IF (10...200MHz), 75Ohm BNC(f) versions

- **FlexLink C2I-0201-75*:** 2:1 IF Switch unit, 75Ohm BNC(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-0401-75*:** 4:1 IF Switch unit, 75Ohm BNC(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-0801-75*:** 8:1 IF Switch unit, 75Ohm BNC(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-1601-75*:** 16:1 IF Switch unit, 75Ohm BNC(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-3201-75*:** 32:1 IF Switch unit, 75Ohm BNC(f), 1RU/19", 1:1 redundant power-supply *(upon request only)
- **FlexLink C2I-6401*-75:** 64:1 IF Switch unit, 75Ohm BNC(f), 3RU/19", 1:1 redundant power-supply *(upon request only)