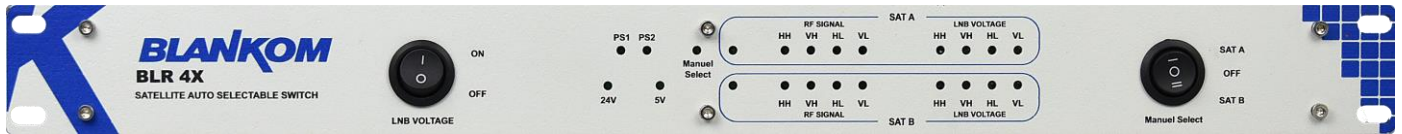


## 19" L-Band redundancy switch



Front



Rear

This 19" 1RU rackmount automatic redundancy switcher is designed for serving up to 2 standard Quattro LNB's as SAT A is the master and SAT B the backup source.

### Main Features

- Dual redundant internal high isolated industrial Power supplies
- Low power consumption, LNB powering
- High isolation
- L-Band : 950-2150MHz
- Optimized RF design for the usage of DVB IPTV and Digital Headend's
- Seamless **automatic** switching if 1 input level becomes weak (< 65dBμV)
- **Manual** switch mode: SAT A – Automatic – SAT B
- Active level monitoring and internal low attenuation
- LED indicators for each In- and Outputs and PSU status

### Technical Specifications

Inputs:	SAT / IF	2x4
Outputs	4: VL,HL, VH, HH	
LNB - serving	13V, 18V, max 600mA	
Frequency Range	SAT / IF L-Band	950-2150MHz
Tap-loss Outputs	SAT / IF @ 950MHz SAT / IF @ 2150MHz	+1dB±1 +1dB±1
Max. Input Level	SAT / IF	98dBμV
Max. Output Level	SAT / IF IMA3	102dBμV
Return-loss	Input / Output	10dB / 14dB
Isolation	SAT-SAT	>33dB
Usable LNBs	Quattro or optical receiver O/E	
Internal PSU's	220V AC / 50 Hz	
Operating Temperature	-85...+50°C	
Dimensions	19" (1RU) 440x240x45 mm	

### Corresponding products:

SAT-Mutiwitches:

BMS-0512C 1xSAT pos. 12 outputs, cascade

BMS-0932K / -1732K 2x(4)x SAT-positions, 32 outputs, cascade

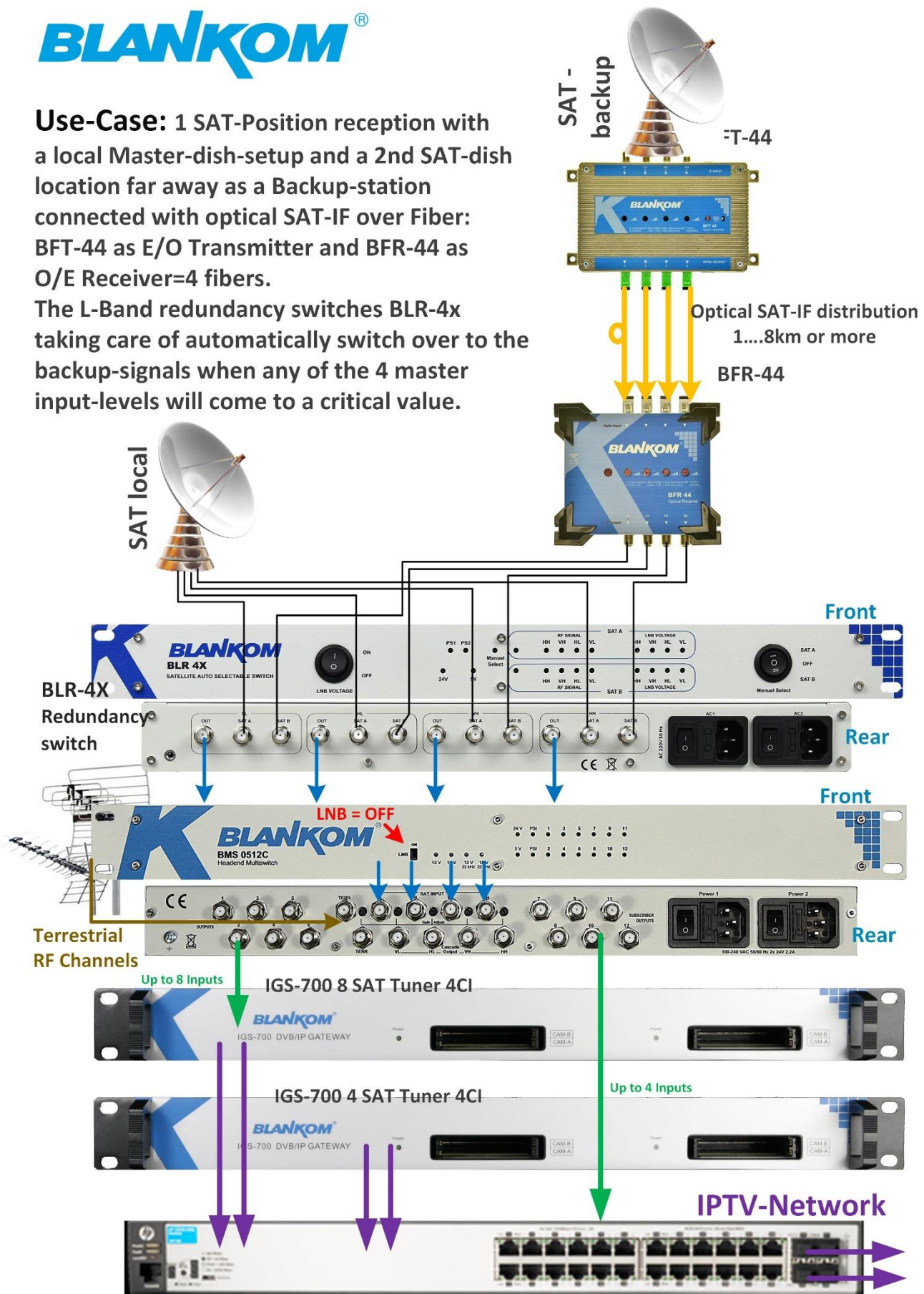
BFR-44, optical Transmitter for 1x SAT (+ 1x terr optional) / BFR-44 opt. Receiver-converter:

Application example:



**Use-Case:** 1 SAT-Position reception with a local Master-dish-setup and a 2nd SAT-dish location far away as a Backup-station connected with optical SAT-IF over Fiber: BFT-44 as E/O Transmitter and BFR-44 as O/E Receiver=4 fibers.

The L-Band redundancy switches BLR-4x taking care of automatically switch over to the backup-signals when any of the 4 master input-levels will come to a critical value.



with 2 SAT-Positions:

## BLANKOM®

Use-Case: 2 SAT-Positions reception with a local Master-dish-setup and a 2nd SAT-dish location far away as a Backup-station connected with optical SAT-IF over Fiber:  
2 E/O Transmitter and 2 O/E Receiver=4 fibers.

The L-Band redundancy switches BLR-4x taking care of automatically switch over to the backup-signals when any of the 4 master input-levels will come to a critical value.

