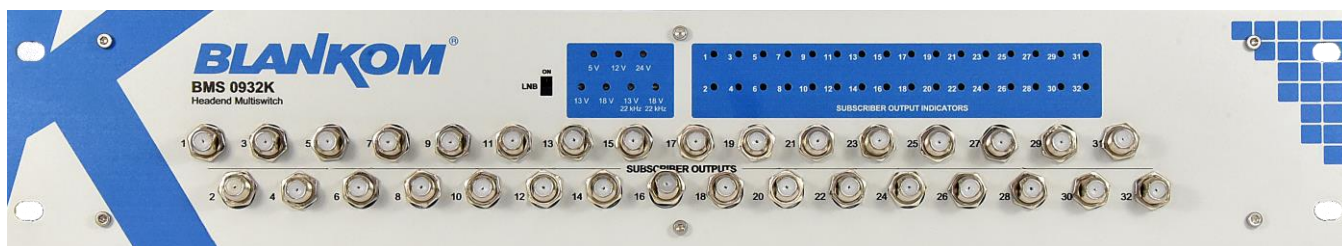
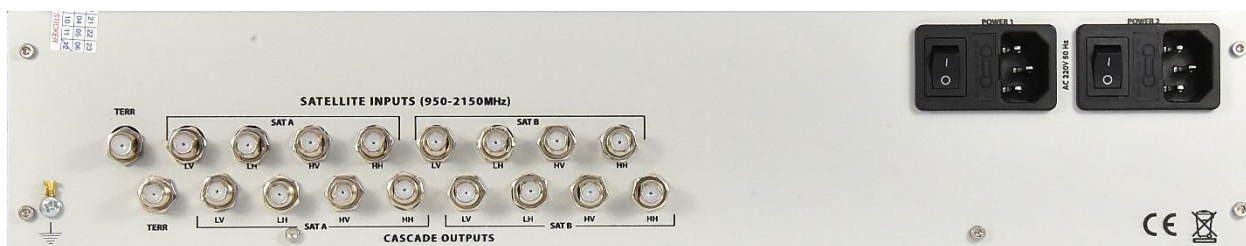


19" Multiswitch for 2x SAT + 1x Terrestrial



This 19" 2 RU rackmount cascadable Multiswitch is designed for up to 2 SAT position Inputs (+ Terrestrial) from standard Quattro LNB's or from optic-electric converters such as 2x BFT-44/BFR-44 in a Headend and distribute up to 32 RF outputs to the Headend receivers. (BFT/BFR-44 = A 4-fibre solutions per SAT position)



Rear view

Main Features

- Dual redundant internal high isolated industrial Power supplies
- Low power consumption, air circulation due to 2 separate fans
- Active TERR input (passive input available), LNB Voltage On/Off switch
- Tap loss 0,5dB , High isolation
- Quad & Quattro LNB compatible (22KHz oscillator)
- 950-2150MHz and 47-870MHz lossless sharp filter for each subscriber outputs
- DiSEqC support
- Optimized RF design for the usage of DVB IPTV and Digital Headend's
- Low signal resistant due to high gain through the receiver outputs
- Up to 8 consecutive cascading's possible
- LED indicators for each receiver output
- RF - output port protection up to 100 volts
- +4dB equalizer range for each RF output compensating slope

Technical Specifications

Inputs:	SAT / IF TERR	8 1
Receiver Outputs		32
Cascadable loop-through Outputs	SAT / IF TERR	8 1
TERR Gain		23...25dB
Selection of LNB / Polarity	13V, 18V, 13V+22KHz, 18V	
Frequency Range	SAT / IF TERR	950-2150MHz 47-870MHz
Tap-loss Subscriber Outputs	SAT / IF @ 950MHz SAT / IF @ 2150MHz TERR. Rec / Out 1-8 TERR. Rec / Out 9-16 TERR. Rec / Out 17-24 TERR. Rec / Out 24-36	+1dB±1 +1dB±1 -4dB±2 -4dB±2 -4dB±2 -4dB±2
Max. Input Level	SAT / IF TERR	98dBμV 88dBμV
Max. Output Level	SAT / IF IMA3 TERR	102dBμV 85dBμV
Return-loss	Input / Output	10dB / 14dB
Isolation	SAT-SAT SAT-T	>33dB >37dB
Usable LNBs	Quad & Quattro	
Max. Current from Subscriber Output	41mA	
Max. Current from System	960mA	
Max. Current with LNB	920mA	
Operating Temperature	-85...+50°C	
Dimensions	320 x 320 x 90mm (2RU)	

Corresponding products:

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



1 SAT opt. Transmitter



1 SAT opt. Receiver

Application example:

