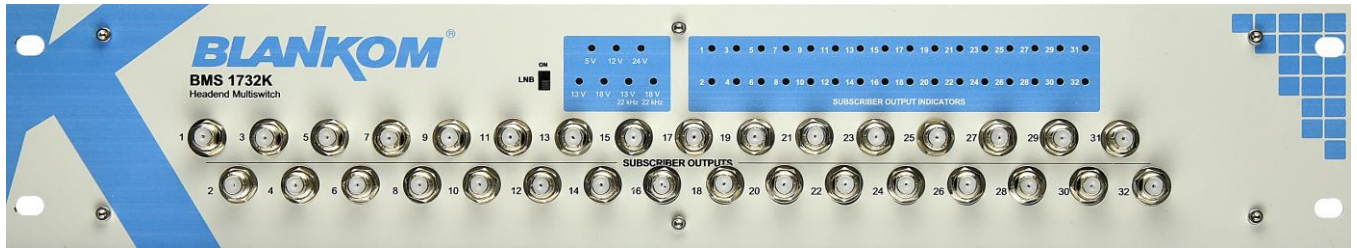


19'' Multiswitch for 2 or 4x SAT + Terrestrial



This 19'' 2 RU rackmount Multiswitch -which can be cascaded- is designed for up to 4 SAT position Inputs (+ Terrestrial) from standard quattro LNB's or from optic-electric converters such as BFR-41 via 1 CWDM – Fibre in a Headend and distribute up to 32 RF outputs to the Headend receivers. **4-fibre solutions are coming soon...**



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 On/Off switch
- Tap loss 0,5dB, High isolation
- Quad & Quattro LNB compatible
- 950-2150MHz and 47-870MHz lossless sharp filter for each subscriber outputs
- Optimized RF design for the usage of DVB IPTV and Digital Headend
- 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
- Available for 2x SAT - positions = **BMS-0932K**

Technical Specifications

Inputs:	SAT / IF TERR	16 1
Receiver Outputs		32
Cascadable loop-through Outputs	SAT / IF TERR	16 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-TV	>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:

BMS-0932K = Same Multiswitch but for 2 SAT positions:



BPF-41, optical Transmitter for 4x SAT + 1x terr. / **BFR-41** opt. Receiver-converter:



Application example:

4 SAT-Positions with standard LNB's



1 Fibre optical distribution with a maximal distance of several km: BPF 41-4 AGC (Automatic Gain Control)

BFR-41: 1-Fiber Receiver

Optical electrical converter



CATV