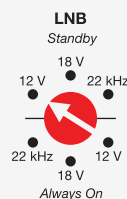


Launch Amplifier for large distribution networks / 5 inputs

SAT IF



LNB supply voltage



Switch for Quattro or QUAD LNB.

Standby or normal operation mode selectable for SAT reception.

Synchronous level adjuster



For each Low- and High-Band to adjust different input levels.

Only SBK 5502 NF / -8 dB and SBK 5503 NF / -10 dB.



SBK 5501 NFI, SBK 5502 NF SBK 5509 NF, SBK 5503 NFI

SAT IF:

- Amplifiers have precompensating 4 dB slope
- The SAT IF amplifier units are equipped with two filters: One at the input and one at the output to perform excellent noise rejection and out-of-band immunity.

SBK 5501 NFI: **Light Class**

- Passive return path compatible terrestrial.
- 18V/200 mA remote power for the active cascades (SMK 55xx3 FA).
- Only useable for Quattro LNB.

SBK 5502 NF: **Standard Class**

- Integrated level adjuster (0... -8 dB) switchable to passive mode (5... 862 MHz).
- Push - Pull - Technology.
- LNB supply voltage selectable for the use of Quattro or QUAD LNB.

SBK 5503 NFI: **Power Class**

- Passive return path 5... 65 MHz.
- CATV compatible forward path in Push - Pull - Technology.
- Integrated level adjuster (0... -10 dB).
- LNB supply voltage selectable for the use of Quattro or QUAD LNB.

Miscellaneous:

- The devices are supplied with a switched-mode power supply.

Remote supply for one post amplifier (except SBK 5501 NFI):

- SBK 5502 NF 18V/650 mA
- SBK 5503 NFI 18V/1000 mA



5 DC-decoupled terminating resistors are shipped with the SBK 55xx NFx to terminate the trunk lines.

ZFR 75 DC /Set (Art.No.: 871511)

Model Art. No.	SBK 5502 NF 842389	SBK 5503 NFI 842488	SBK 5509 NF 842420	SBK 5501 NFI 842437
EAN	4040326423899	4040326424889	4040326424209	4040326424377
Inputs/outputs SAT/terrestrial	5/5 4/1			
Loss Terr. passive 5...862 MHz	3,5 dB	-	3 dB	2 dB
Loss Terr. passive 5...65 MHz	-	4 dB	-	-
Gain Terr. active 47...862 MHz	22 dB	-	-	-
Gain Terr. active 85...862 MHz	-	27...32 dB	-	-
Gain SAT IF 950...2200 MHz	19...25 dB	25...32 dB	19...23 dB	21...26 dB
Output level max. 47...862 MHz 60 dB IMA ₃ /EN 60728-3	109 dBμV	118 dBμV	-	-
Output level max. 950...2200 MHz 35 dB IMA ₃ /EN 60728-3	110 dBμV	118 dBμV	110 dBμV	110 dBμV
Rejection	Terrestrial active/SAT	typ. 30 dB	typ. 50 dB	-
	Terrestrial passive/SAT	typ. 30 dB	-	typ. 22 dB
	SAT/terrestrial	typ. 35 dB	typ. 55 dB	typ. 50 dB
Isolation trunk /trunk	typ. 30 dB			typ. 26 dB
Mains power supply U~	100-240V/47-63 Hz			
Power consumption Terr. active/SAT active incl. LNB load with	max. 21 W 350 mA	max. 25 W 350 mA	-	-
Power consumption Terr. passive/SAT active incl. LNB load with	max. 18 W 350 mA	-	max. 18 W 350 mA	max. 8 W 350 mA
Power consumption terrestrial active/SAT standby	max. 7 W	max. 12 W	-	-
Power consumption terrestrial passive/SAT standby	max. 4 W	-	-	max. 1,5 W
Total single port current	350 mA	350 mA	350 mA	12V/350 mA
Current for post amplifier max.	18V/650 mA	18V/1 A	-	-
Ambient temperature	-20...+50 °C			
Dimensions (mm)	220 x 130 x 52	300 x 130 x 52	220 x 130 x 52	195 x 90 x 52

Tech hint

For connections between SBK 5501 NFI/SBK 5502 NF and cascade please use **ZSV 2 S/Set (set of 5 pcs., Art. No. 871508)** and for connections between SBK 5503 NFI and cascade please use **ZVK 250 F/Set. (set of 5 pcs., Art. No. 871505)** or **ZVK 500 F/Set. (set of 5 pcs., Art. No. 871507)**

