

Launch Amplifier for Cascadable Multiswitch Distribution System

GBK 5500 WBP

- Wideband device designed for DIRECTV™ applications
- For the distribution of the new HD channel signals in Ka/Ku bands
- Terrestrial: passive injection
- SAT-IF: Amplifiers precompensating 9 dB slope
- Standby function in connection with multiswitches GMS 5xx09 WBP control on trunkline 1
- Wall power supply **SNG 18/1000** included in delivery
- Five DC blocked terminating resistors are included in delivery



DIGITAL COMPATIBLE

HD TV
COMPATIBLE

Model Art. No.	GBK 5500 WBP 842451
Inputs SAT/Terr.	5 4 / 1
Outputs / Subscribers	5
Tap gain Terr.: 5 ... 160 MHz	- 2 dB
Tap gain SAT-IF: 250 ... 2200 MHz	15 ... 25 dB
Maximum output level 250 ... 2200 MHz 35 dB IMA ₃ / EN 50083-3	1,25 dBm
Isolation of taps	> 26 dB
max. LNB supply current	450 mA
Ambient temperature	68 ... 122 °F
Dimensions (inch)	3,75 x 6,02 x 1,46
External power supply SNG 18 / 1000	100-240V, 50-60Hz DC 18 V / 1000 mA

Note:
Five DC blocked terminating resistors are included in delivery.



Application example	① 14 V	② 18 V	③ 14 V + 22 kHz	④ 18 V + 22 kHz
Stack Plan				
Ka-Low	99° L	99° R	103° L	103° R
Ku	101° L	101° R	119° L	110° / 119° R
Ka-High	99° L	99° R	103° L	103° R
SAT-IF frequencies	250 ... 750 MHz 950 ... 1450 MHz 1650 ... 2150 MHz			



SAT-IF Distribution