

### Sloped Gain Line Amplifiers



9604

- Sloped gain for compensating coaxial cable losses
- Wide band for terrestrial and satellite frequencies (Ref. 9617 and 9637)

### Adjustable Active Line Equalizer



9626

- Equalizing, leveling and compensating the frequency spectrum to optimal adaptation especially for digital receivers in individual and multi satellite systems
- High dynamic range for gain, attenuation and slope
- Excellent in- and output return loss
- VHF-UHF and IF tuner (479 MHz) built-in filter

### Line Amplifier with terrestrial bypass



9632

- Amplifier 950-2600 MHz with high quality F connectors (gold plated contact and PTFE teflon dielectric)

## Sloped Gain Line Amplifiers

Reference	9604	9617	9637
Frequency range	950-2150 MHz	40-2150 MHz	40-3550 MHz
Gain typ.	13 dB (950 MHz) 18 dB (2150 MHz)	9 dB (40 MHz) 12 dB (860 MHz) 13 dB (950 MHz) 16 dB (2150 MHz)	7 dB (40 MHz) 10 dB (860-850 MHz) 13 dB (2150 MHz) 15 dB (3550 MHz)
Noise figure	4 dB	4 dB	7 dB
Max. output level	110 dB $\mu$ V	110 dB $\mu$ V	110 dB $\mu$ V
Power supply	13-18 V /30mA	13-18 V /30mA	13-18 V /30mA
DC power pass	500 mA max.	500 mA max.	500 mA max.
Dimensions	72 x 22 x 17 mm	72 x 22 x 17 mm	77 x 21 x 15 mm

## Adjustable Active Line Equalizer

Reference	Frequency range	Gain / Attenuation	Slope	in / out Return loss	VHF - UHF Filter	Max. Output level	Consumption	DC power pass
9626	950-2150 MHz	-18 to + 11 dB	0-15 dB	> 10 dB	min. 30 dB	88 dB $\mu$ V	45 mA / 18 V	yes

## Line Amplifier with terrestrial bypass

Reference	9632
Frequency range	5-860 / 950-2150 MHz
Insertion loss	5-860 MHz / 4.0 dB max.
Gain	15-25 dB slope
Noise figure	8 dB max.
Max. output level	107 dB $\mu$ V (-35 dB IM3/2c)
DC power pass	500 mA max.
Input / output return loss	10 dB min.
Power supply	8-20 V
Consumption	50 mA
Dimensions	129 x 42 x 55 mm

## TV-SAT indoor amplifiers

- 1, 2 or 4 outputs
- Separated adjustments for TV and SAT in order to optimize signal equalization
- TV-SAT split band amplifier
- Terrestrial and Satellite Digital compatible
- Power led indicator
- Wall mounting with 2 supplied screws



9664

## TV-SAT indoor amplifiers

### 1 output

Reference	9661	
Frequency range	TV.: 47-862 MHz	SAT.: 950-2150 MHz
Adjustable gain	7-22 dB	10-25 dB
Noise figure	6 dB	7,5 dB
Max. input level	92 dB $\mu$ V	93 dB $\mu$ V
Max. output level	105 dB $\mu$ V (-60 dB IM3/2c)	108 dB $\mu$ V (-35 dB IM3/2c)
Return loss input / output	8 dB / 10 dB	
DC power pass	yes (500 mA max.)	
Power	230 V~/8VA	
Dimensions	102 x 138 x 48 mm	

### 2 outputs

Reference	9662	
Frequency range	TV.: 47-862 MHz	SAT.: 950-2150 MHz
Adjustable gain	3-18 dB	5-20 dB
Noise figure	6 dB	7,5 dB
Max. input level	92 dB $\mu$ V	88 dB $\mu$ V
Max. output level	101 dB $\mu$ V (-60 dB IM3/2c)	103 dB $\mu$ V (-35 dB IM3/2c)
Return loss input / outputs	8 dB / 10 dB	
DC power pass	yes (500 mA max.) 2 outputs Diode protected	
Power	230 V~/8VA	
Dimensions	102 x 138 x 48 mm	

### 4 outputs

Reference	9664	
Frequency range	TV.: 47-862 MHz	SAT.: 950-2150 MHz
Adjustable gain	0-14 dB	1-16 dB
Noise figure	6 dB	7,5 dB
Max. input level	92 dB $\mu$ V	84 dB $\mu$ V
Max. output level	97 dB $\mu$ V (-60 dB IM3/2c)	99 dB $\mu$ V (-35 dB IM3/2c)
Return loss input / outputs	8 dB / 10 dB	
DC power pass	yes (500 mA max.) 4 outputs Diode protected	
Power	230 V~/8VA	
Dimensions	102 x 138 x 48 mm	