

# NP100

100 products in 18 months



## DTKOM HEADEND AMPLIFIERS

REF. 4507, 4508 y 4509

## MATV POWER DOUBLING

High output power multi-band/multi-input headend amplifiers

- POWER-DOUBLING technology to reach up to 129dB $\mu$ V output level (DIN45004B) in any band .
- They feature a gain switch that allows adjusting the output level to the characteristics of the distribution network.
- They have been designed with specific components which minimize the total noise figure.
- LED indicating the existence of input signal.
- Switched-mode PSU for high power efficiency and low consumption.
- A TEST output prevents disconnection of service users in maintenance work.

REF.	DESCRIPTION	EAN CODE
4507	DTKom 3IN/1OUT U-V-FM	8424450144602
4508	DTKom 4IN/1OUT U1-U2-V-FM	8424450144763
4509	DTKom 5IN/1OUT U-BV-BIV-V-FM	8424450144770

# DTKOM HEADEND AMPLIFIERS

**POWER-DOUBLING TECHNOLOGY**  
**HIGH POWER FOR ANY TYPE OF MATV INSTALLATION**

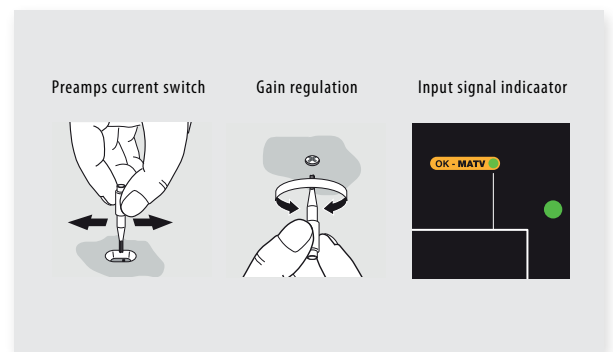
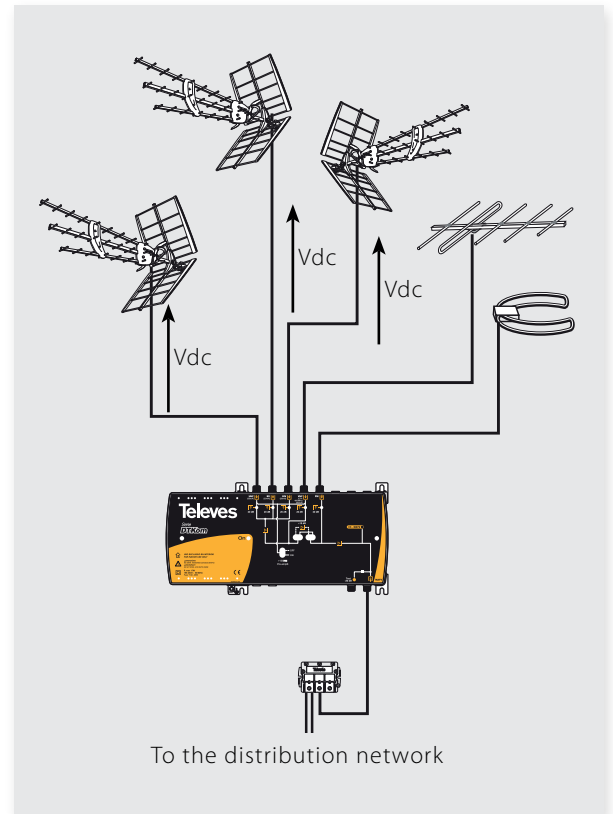
## TECHNICAL SPECIFICATIONS

<b>Ref.4507</b>		<b>UHF</b>	<b>VHF</b>	<b>FM</b>
Frequency range	MHz	470-862	174-400	88-110
Gain (high)	dB	55	45	30
Gain (low)		42	32	---
Output level (máx) (DIN45004B)	dBμV	129		
Noise figure	dB	7		12
Gain regulation		0-20		
Max. current for preamps (12Vdc)	mA	50	---	

<b>Ref.4508</b>		<b>UHF1</b>	<b>UHF2</b>	<b>VHF</b>	<b>FM</b>
Frequency range	MHz	470-862	174-400	88-110	110
Gain (high)	dB	52	45	30	---
Gain (low)		40	32	---	---
Output level (máx) (DIN45004B)	dBμV	129			
Noise figure	dB	10	7	12	---
Rejection between UHF inputs		≥15		---	
Gain regulation		0-20			
Max. current for preamps (12Vdc)	mA	---	70	---	

<b>Ref.4509</b>		<b>BIV</b>	<b>BV</b>	<b>UHF</b>	<b>VHF</b>	<b>FM</b>
Frequency range	MHz	470-590	614-862	470-862	174-400	88-110
Gain (high)	dB	50		52	45	30
Gain (low)		38		40	32	---
Output level (máx) (DIN45004B)	dBμV	129				
Noise figure	dB	11	10	7	12	---
Rejection between UHF inputs		≥15			---	
Gain regulation		0-20				
Max. current for preamps (12Vdc)	mA	---	50		---	

## TYPICAL APPLICATION



### General

Mains	Vac	196-264
Consumption	W	16 (ref. 4507 & 4508) 17 (ref. 4509)
Protection level		IP20