



IKUSI

# Terrestrial and Satellite headend amplifiers

Amplifies, equalizes and combines analog or digital radio and television signals in medium size facilities



Designed for installations with satellite signal



Adapted to the first and second digital dividend



Amplifiers redesigned for higher output power level



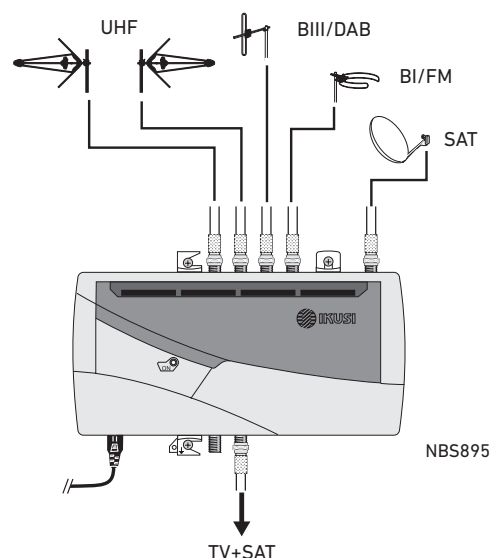
Interstage input attenuators equipments

NBS 800 series

Within the NBS 800 broadband amplifier range, we present the 3 models for terrestrial and satellite signals.

### Main features

- Adapted to the second digital dividend (5G)
- NBS 800 series high power broadband stations for terrestrial and satellite signal amplification in collective installations
- Interstage input attenuators
- Powered by switching power supply, in removable box
- Zamak housing with protective cover for adjustment potentiometers
- Wall fixing and indoor mounting



Model	NBS801-C48		NBS804-C48		NBS895-C48	
Ref.	3573		3564		3576	
EAN Code	8435136435730		8435136435648		8435136435761	
Inputs	1		4 BI/FM - BI/III/DAB - 2xUHF		5 BI/FM - BI/III/DAB - 2xUHF - IF SAT	
Frequency range	MHz	45-694	BI/FM: 45-112 BI/III/DAB: 174-240 2xUHF: 470-694	BI/FM: 45-112 BI/III/DAB: 174-240 2xUHF: 470-694 IF-SAT: 950-2400		
Gain	dB	42	BI/FM: 42 BI/III/DAB: 42 2xUHF: 44	BI/FM: 42 BI/III/DAB: 42 2xUHF: 44 IF-SAT: 40		
Gain adjustment	dB	0 - 18	0 - 18	0 - 18		
Slope control range	dB	0 - 12 	-	-	IF-SAT : 0 / 6 	
Response flatness	dB	±1.5	BI/FM: ±2 BI/III/DAB: ±2 2xUHF: ±1.5	BI/FM: ±2 BI/III/DAB: ±2 2xUHF: ±1.5 IF-SAT: ±2		
Outputs	1		1		1	
Output test	dB	-30	-30		-30	
Output level	dBµV	* 122	BI/FM: 118 * BI/III/DAB: 122 * 2xUHF: 122 *	BI/FM: 118 * BI/III/DAB: 122 * 2xUHF: 122 * IF-SAT: 120 **		
Noise figure	dB	7	BI/FM: 6 BI/III/DAB: 6 2xUHF: 7	BI/FM: 6 BI/III/DAB: 6 2xUHF: 7 IF-SAT: 7		
Input/output return loss	dB	10	10		BI/FM-BI/III/DAB-2xUHF: 10 FI-SAT: 6	
Voltage/current preamplifier mast		12-24V 100 mA	UHF2: 12-24V 100 mA	UHF2: 0-12-24 V · 100 mA IF SAT: 0-13-18V · 100 mA LNB: 0-22 kHz		
Alimentation (+10% -15%)	VAC	110-240	110-240		110-240	
Consumption	W	8	8		16	

\* (DIN-45004B IMD -60 dB)  
\*\* (EN 50083-3 IMD -35 dB)

• NBS895 and NBS695 Compatible with UNICABLE™