

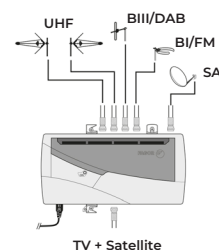
BROADBAND AMPLIFIERS

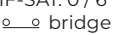
NBS 800 Series

Amplifies, equalises and combines analogue or digital radio and television signals in medium-sized installations.

FEATURES

- Models adapted to the second digital dividend (5G).
- High-power broadband headends for amplifying terrestrial and satellite signals in communal installations.
- Inter-stage input attenuators.
- Power supply via switching power supply, in a removable box.
- Zamak housing with protective cover for adjustment controls.
- Indoor installation and wall mounting.



MODEL		NBS-801-C48	NBS-804-C48	NBS-895-C48
Part number		3573	3564	3576
EAN code		8435136435730	8435136435648	8435136435761
Entries		1	4 BI/FM - BIII/DAB - 2xUHF	5 BI/FM - BIII/DAB - 2xUHF - IF SAT
Frequency band	MHz	45–694	BI/FM: 45–112 BIII/DAB: 174–240 2xUHF: 470–694	BI/FM: 45–112 BIII/DAB: 174–240 2xUHF: 470–694 IF-SAT: 950–2400
Gain	dB	42	BI/FM: 42 BIII/DAB: 42 2xUHF: 42	BI/FM: 42 BIII/DAB: 42 2xUHF: 42 IF-SAT: 40
Gain control	dB	0 - 18		
Slope control	dB	0 - 12 	-	IF-SAT: 0 / 6 
Band ripple	dB	±1.5	BI/FM: ±2 BIII/DAB: ±2 2xUHF: ±1.5	BI/FM: ±2 BIII/DAB: ±2 2xUHF: ±1.5 IF-SAT: ±2
Outputs	dB	1		
Output test	dB	-30		
Output level	dBμV	** 122	BI/FM: 118 * BIII/DAB: 122 * 2xUHF: 122 *	BI/FM: 118 * BIII/DAB: 122 * 2xUHF: 122 * IF-SAT: 120 **
Noise figure	dB	7	BI/FM: 6 BIII/DAB: 6 2xUHF: 7	BI/FM: 6 BIII/DAB: 6 2xUHF: 7 IF-SAT: 7
Input/output return loss	dB	10	10	BI/FM-BIII/DAB-2xUHF: 10 FI-SAT: 6
Voltage/current mast preamplification		12–24 V 100mA	UHF2: 12–24 V 100 mA	UHF2: 0-12-24 V · 100 mA IF SAT: 0–13–18 V · 100 mA LNB: 0–22 kHz
Power supply (+10% -15%)	VAC	110–240		
Power consumption	W	8	8	16

* (DIN-45004B IMD -60 dB) ** (EN 50083-3 IMD -35 dB) · Models NBS895 and NBS695 Compatible with UNICABLE TM