

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

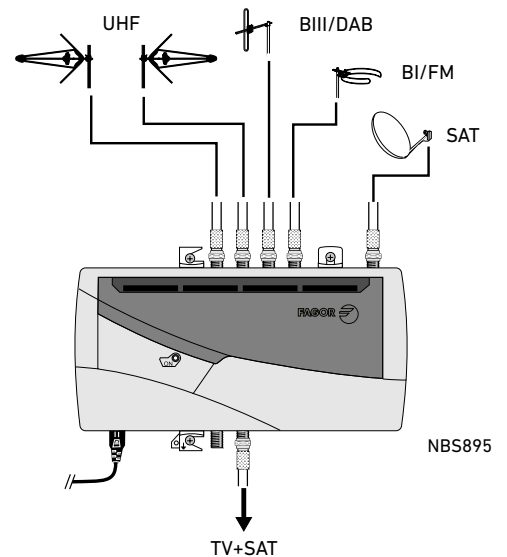




Interstage input attenuators equipments

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		NBS-801-C48	NBS-804-C48	NBS-895-C48
REF.		3573	3564	3576
EAN Code		8435136435730	8435136435648	8435136435761
Inputs		1	4 BI/FM - BIII/DAB - 2xUHF	5 BI/FM - BIII/DAB - 2xUHF - IF SAT
Frequency range	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 adjustment	dB	0 - 18	0 - 18	0 - 18
Slope control range	dB	0 - 12 	-	IF-SAT : 0 / 6  bridge
Response flatness	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		1	1	1
Output test	dB	-30	-30	-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 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™