

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

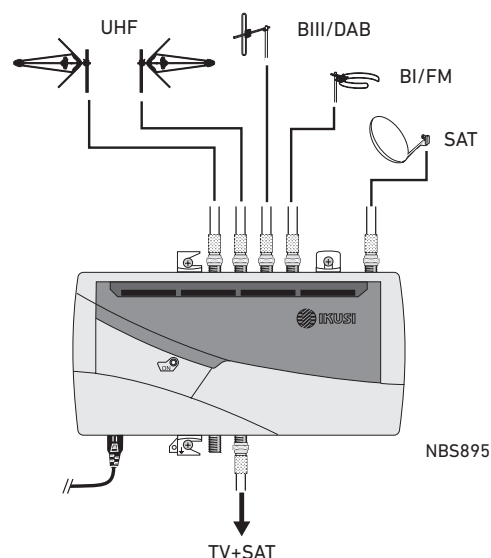


Interstage input attenuators equipments

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 - 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: 42 | BI/FM: 42 BI/III/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 |
| 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 | dBpV | * 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™