

Equipped with a switch to enable the conversion function for double channels.

"Dupl. Ch." switch OFF in the case of a signal is received from several antennas, the amplifier amplifies the signal with the highest power level, excluding the weakest one.

"Dupl. Ch." switch ON: the amplifier also amplifies the weakest signal, converting it into one of the free frequencies of

the 5G and 4G bands (694 ÷ 862 MHz).



Autoprogrammable TV amplifier

SMART AMP series

art. 7471L2 **SMART AMP - 1 IN - 5G**



High performance channel filters (adjacent channel separation >35 dB) make it ideal in areas where signals are received from different directions and with different power levels.

Thanks to the intelligent self-programming, the amplifier does not need to be programmed in advance because, once installed on the TV system, it autonomously scans all the signals received by the inputs and automatically selects the signals to be amplified.

To force a channel scan, unpower and repower the amplifier within 4 seconds.

Equipped with 1 VHF+UHF broadband input, amplified and equipped with AGC (Automatic Gain Control), and 1 output with equalized signal level at 90 dBuV.

Cut off of 5G and 4G frequencies (694 ÷ 862 MHz), starting from E48 channel.

It is realized in shielded housing with screw F-type connectors. Tilting case for quick installation.

N. 1 power supply, n. 1 mast fixing accessory (for outdoor installation) and n. 1 wall fixing accessory for the amplifier (for indoor installation) included.

















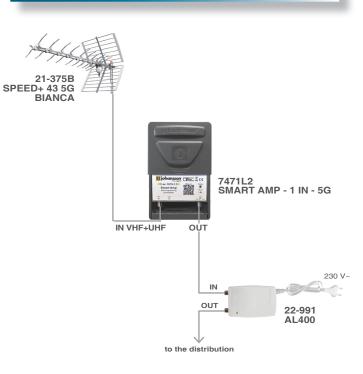


Characteristics

- Intelligent self-programming: scan of all the signals received by the inputs and automatic selection of signals to be amplified
- Switch for converting double channels to 5G and 4G band
- High selectivity channel filters (> 35 dB on adjacent channels)
- Automatic Gain Control (AGC)
- Output signals all equalized at 90 dBµV
- LED for indicating the presence of current

| Code | | 7471L2 |
|---|---------|----------------------------------|
| Item | | SMART AMP - 1 IN - 5G |
| Suitable for TV systems with no. | outlets | 10 max |
| No. of inputs | | 1 |
| Type of inputs | | VHF+UHF |
| Input frequency range | MHz | VHF: 174 ÷ 240 UHF: 470 ÷ 694 |
| LTE band rejection (790 ÷ 862 MHz) | dB | > 40 |
| Input sensitivity | dΒμV | 40 |
| No. of outputs | | 1 |
| Output power | dΒμV | 90 |
| Gain adjustment | | AGC |
| LTE band re-used for double channels conversion | MHz | 694 ÷ 862 |
| Adjacent channel isolation | dB | >35 |
| Power supply (DC over coax on OUT connector | -) | 12 Vdc - 250 mA |
| Dimensions (LxWxH) | mm | 112x55x100 |
| Packaging dimensions (LxWxH) | mm | 270x225x70 |
| Packaging weight | Kg | 0,619 |
| Product weight | Kg | 0,226 |
| Fit temperature | °C | -20 ÷ +50 |
| Compliant to | | 2014/53/UE, 2011/65/UE |

Example of application



Technical data refer to a temperature of 25 °C

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