Data sheet





Autoprogrammable TV amplifier **SMART AMP series**

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





























self-programmable SMART AMP amplifier suitable for the amplification of DTT signals in small and medium-sized TV

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) on all the inputs, starting from E48 channel.

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).

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

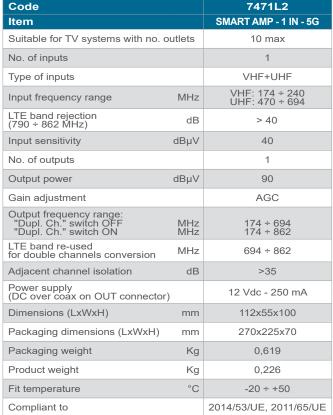
N. 1 power supply, n. 1 mast fixing accessory (for outdoor installation) and n. 1 wall fixing accessory for the amplifier (for indoor installation) included.

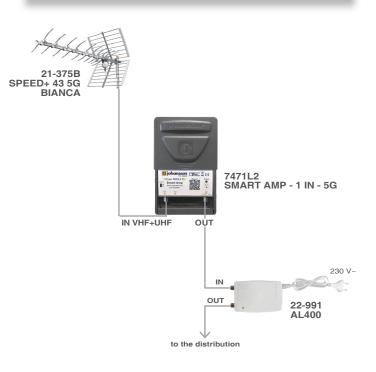
Characteristics

- 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

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7471L2	Example of applicati	
SMART AMP - 1 IN - 5G		





Technical data refer to a temperature of 25 °C

Rev. 0 10.2023