



Kit with programmable filters amplifier for 50 channels

art. KIT6715 KIT PROFINESSE



The kit includes no. 1 programmable filters amplifier named PROFINESSE and no. 1 power supply unit. Ideal to optimize the amplification of DTT signals on small size TV systems. Channel filters are highly performing (>50dB on adjacent channels) and make this kit ideal in areas where signals are received from different directions and with different power levels.

It allows to process up to 32 TV channels.

The channels can be received individually.

Channels of VHF or UHF band received individually can be re-allocated to any other channel in the VHF or UHF band

(By default, channel conversion is not active, but this can be activated in Advanced settings).

Attenuation of 5G and 4G signals (694÷862 MHz) over E48 channel on all inputs.

Amplifier with 3 broadband FM/V/U inputs, all amplified and equipped with AGC (automatic gain adjustment), and 1 output.

The first selected channel determines if the input you are programming will be VHF or UHF.

Made in a shielded case equipped with F-type screw connectors. User interface via LCD display and rotary button.

Remote power supply, to 12 V on FM/V/U1 input.

Equipped with useful functions, such as:

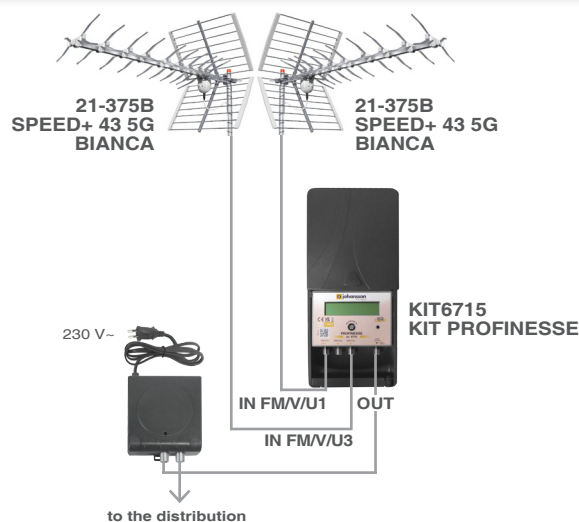
- **Autoscan** function (intelligent self-programming function) which allows the amplifier, once installed on the system, to autonomously scan all the signals received on the inputs and automatically select the signals to be amplified. However, it is possible to change the programming manually.
- **Duplicatch** function (double channel conversion) allows, if a signal is received from several antennas, to amplify even the weakest one by allocating it in the LTE band. When this function is disabled, only the one with the highest power level is amplified, excluding the weakest one.
- **Auto Channel** function it attenuates the noise when a channel interrupts the transmission and allows to program the channels before they are broadcast, attenuates the noise until the transmissions begin.

Code	KIT6715	
Item	KIT PROFINESSE	
No. of inputs	3	
Type of inputs	FM/VHF/UHF	
Input frequencies	MHz	FM: 88 ÷ 108 VHF: 174 ÷ 240 UHF: 470 ÷ 694
Output frequencies	MHz	88 ÷ 862
Input level	dBµV	35 ÷ 105
Max output level (60dB/IM3)	dBµV	70 ÷ 90 (80 di default)
No. selectable channels	> 50	
Add channels	Single channel	
Conversions	Yes, on V and U band	
Gain	dB	FM/VHF/UHF: > 50
Gain adjustment	AGC	
VHF band attenuation	dB	0 ÷ 15
MER	dB	VHF: 35 / UHF: 35
Self-programming function	Yes	
Selectivity Δ 1 MHz	dB	50
Return loss	dB	10
Electrostatic discharge protection	All inputs	
Remote power supply	Vdc	12 (on FM/V/U1 input)
Noise figure	dB	7
Power Supply	mA	100
Working temperature	°C	-20 ÷ +65
Dimensions (LxWxH)	mm	112x55x113
Packaging dimensions (LxWxH)	mm	270x225x70
Packaging weight	Kg	0,619
Product weight	Kg	0,358
POWER SUPPLY UNIT (included)		
AC main tension	100-230 V~ 50-60Hz	
Isolation class	II	
Consumption	W	6
Power consumption	12 Vcc - 750 mA	
No. inputs	1	
No. outputs	1	
Connectors type	screw F type	
Dimensions (LxWxH)	mm	72x35x95
Product weight	Kg	0,150

Characteristics

- Can process up to 32 channels, with the possibility to convert the channel received in standard mode
- Read-out of input level strenght
- Intelligent self-programming: scanning of all signals received on the inputs and automatic selection of the signals to be amplified LED per l'indicazione della presenza di corrente
- Status LED for the indication of DC power presence
- Can be locked with a security code

Example of application



The technical data refer to a temperature of 25 °C

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